DAILY WEATHER REPORT.

July to December 1895.

WYMAN AND SONS LTD LITH LONDON 7362/1.95

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1895.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 1st December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.75	34	W	2	bc	29.80	+ .11	31	30	− 3	S	2	b	*	bc	*	36	30	—
	Hernösand ...	29.97	17	E	0	b	29.89	− .13	23	22	+ 4	E	0	b	*	b	*	28	16	—
	Stockholm ...	30.22	23	W	2	b	30.17	− .10	23	21	− 2	SW	2	b	*	b	*	28	21	—
	Wisby	30.29	24	SSW	4	b	30.22	− .13	25	24	− 3	S	4	b	*	b	*	30	19	—
	Karlstad ...	30.15	30	S	4	o	30.08	− .13	28	25	− 3	NNW	2	o	*	o	*	*	*	—
	Bodo	29.75	43	SW	6	o	29.56	− .16	39	36	− 3	E	0	b	0	o	*	43	37	—
	Christiansund ...	29.79	36	SE	2	bc	29.63	− .30	37	35	− 1	SSW	1	c	3	bc	*	38	34	—
	Skudesnaes ...	29.88	38	SE	4	c	29.80	− .20	36	35	+ 1	SSE	6	o	5	c	*	38	32	*
	Færder (Christiania Fjord)	30.10	36	SSE	4	o	29.98	− .17	34	?	− 2	ESE	4	o	3	o	*	36	32	—
	Skagen (The Scaw)	30.07	34	S	4	bc	29.98	− .20	34	32	+ 1	S	4	o	0	bc	*	34	32	—
	Fanö	29.93	28	ESE	6	o	29.89	− .13	30	30	+ 2	SE	4	o	*	o	*	32	28	—
BRITISH ISLANDS.	Sumburgh Head	29.52	46	S	2	r	29.47	− .20	43	40	− 3	S	4	c	6	r	*	47	38	0.31
	Stornoway ...	29.58	43	W	3	o	29.50	− .12	38	38	− 6	W	4	b	4	r,o	0.9	48	32	0.26
	Wick	29.55	43	NW	1	b	29.48	− .17	41	?	− 5	W	6	ou	3	b	*	47	38	—
	Nairn	29.61	43	E	0	bc	29.55	− .09	41	39	+ 2	W	2	c	1	bc	*	47	35	0.01
	Aberdeen ...	29.64	45	SW	2	bc	29.65	− .06	42	40	− 4	SW	4	cq	4	r.gm.bc	0.0	46	37	0.17
	Leith	29.70	43	WSW	2	o	29.70	+ .01	45	42	− 1	SW	3	o	*	o	*	48	41	0.01
	Shields	29.71	48	WNW	2	or	29.79	+ .11	44	42	− 3	SW	2	o	2	d,or	*	49	39	0.09
	Spurn Head ...	29.69	47	NW	4	o	29.90	+ .31	42	41	− 5	W	3	bcw	3	ogmp	*	47	40	0.12
	York	29.73	48	W	1	o	29.91	+ .29	43	42	− 6	WSW	2	o	*	o.	*	49	38	0.03
	Loughborough ...	29.99	47	WNW	4	c	29.98	+ .11	40	38	− 9	WSW	2	bc	*	gr.op.c	*	49	37	0.06
	Ardrossan ...	29.72	47	W	1	bc	29.71	+ .03	46	45	− 1	WSW	4	o	3	bc	*	49	44	0.01
	Malin Head ...	29.73	46	W	5	op	29.71	+ .01	44	41	− 2	WSW	6	opq	3	op	*	45	42	0.24
	Belmullet ...	29.84	45	W	3	b	29.83	+ .07	47	43	+ 1	W	4	c	*	bc,b	*	48	44	0.10
	Donaghadee ...	29.80	45	NW	4	bc	29.80	+ .09	44	44	− 3	WSW	5	o	3	bc	*	48	39	0.01
	Liverpool (Bidston)	29.83	46	WNW	4	c	29.92	+ .26	45	42	− 1	SW	2	c	3	c	*	45	42	0.03
	Holyhead ...	29.86	49	W	5	o	29.91	+ .20	48	46	− 1	SW	5	c	4	bc,o	*	50	44	—
	Parsonstown ...	29.91	43	W	1	b	29.91	+ .10	42	41	− 3	E	0	bc	*	b	3.0	49	38	0.06
	Valencia ...	29.97	49	W	3	b	30.00	+ .11	48	45	− 1	W	4	c	4	b	2.9	51	40	0.10
	Roche's Point ..	29.97	49	WNW	3	b	30.00	+ .13	46	44	− 1	WNW	3	b	4	b	*	51	40	—
	Pembroke (St. Ann's Hd.)	29.92	50	NW	4	b	29.99	+ .24	50	48	0	WNW	4	bc	3	b	1.9	50	47	—
	Scilly	29.94	52	NW	5	c	30.07	+ .21	51	49	− 1	W	5	c	4	cp,c	3.2	54	48	0.02
	Prawle Point ..	29.96	47	NW	3	bc	30.07	+ .31	45	44	− 4	WNW	3	bc	2	bc,p	*	52	43	0.03
	Jersey (St. Aubin's)	29.96	51	NW	3	bc	30.09	+ .29	49	46	− 4	NW	2	bcp	2	bcp	*	56	42	0.06
	Hurst Castle ...	29.88	49	WNW	3	bm	? 30.05	+ .37	40	39	− 12	WNW	1	bm	1	c,bm	*	53	40	—
	Dungeness ...	29.75	50	WNW	4	c	30.01	+ .36	38	37	− 14	WNW	3	b	2	m,c	*	52	37	—
	North Foreland	29.74	49	W	4	o	30.01	+ .36	42	40	− 9	W	1	b	2	o	*	52	39	—
	London (Brixton) ...	29.83	50	WNW	3	ov	30.04	+ .41	36	36	− 15	WSW	1	bm	*	og,bc	0.0	51	35	0.01
	Oxford	29.91	45	W	3	b	30.04	+ .42	36	36	− 14	W	3	f	*	og,b	*	50	36	—
	Cambridge ...	29.78	49	WNW	3	o	30.01	+ .42	36	36	− 14	SW	1	b	*		0.0	51	35	0.03
	Yarmouth ...	29.65	50	W	2	c	29.93	+ .30	38	37	− 10	WNW	3	b	3	gfd,c	*	50	36	0.03
GERMANY & HOLLAND.	Cuxhaven ...	29.91	31	SE	4	o	29.86	− .11	31	30	+ 7	SSE	3	o	*	o	*	31	24	—
	Berlin	30.12	19	E	4	b	30.06	− .13	20	19	+ 4	SE	3	o	*		*	25	15	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	30.00	32	E	0	o	30.03	+ .04	32	32	+ 2	E	0	r	*	o	*	32	30	0.20
	The Helder ...	29.78	42	SE	1	r	29.84	+ .06	46	46	+ 9	NW	5	o	3	r	*	46	37	0.16
BELGIUM.	Brussels ...	*	*	*	*	*	29.98	+ .22	45	44	− 2	WSW	2	o	*	r	*	49	44	0.08
	Cape Gris Nez...	29.75	51	WNW	6	o	29.93	+ .30	47	46	− 4	NNW	4	c	4	o	*	54	43	0.08
	Paris	29.87	48	SW	2	o	30.07	+ .21	44	44	− 2	W	2	bc	*	o	*	50	43	0.04
	Brest	30.02	53	WNW	4	o	30.12	+ .18	50	48	− 3	NNW	2	c	3	o	*	54	46	—
	Lorient... ...	30.03	52	NW	5	c	30.13	+ .25	46	44	− 7	ENE	1	b	3	c	*	55	41	—
FRANCE &	Rochefort ...	30.06	55	NW	4	o	30.15	+ .19	46	46	− 6	NE	3	bc	*	o	*	?	45	0.08
	Belfort	29.98	45	W	1	m	30.02	+ .07	43	43	0	WSW	3	f	*	m	*	45	42	0.28
	Lyons	30.03	46	N	1	o	30.08	+ .06	44	43	+ 1	NW	1	o	*	o	*	50	43	0.12
	Nice	29.94	49	E	0	o	29.97	+ .05	47	45	− 2	E	0	c	3	o	*	55	46	—
	Perpignan ...	30.03	54	NW	3	b	30.09	+ .09	50	45	+ 2	NW	2	b	*	b	*	63	47	—
	Biarritz ...	30.06	55	NW	4	c	30.07	+ .06	51	48	− 2	S	2	c	3	c	*	59	48	0.59
PENINSULA.	Corunna ...																*			
	Lisbon														*		*			
	Azores (P. Delgada)	29.83	60	NNW	3	c	29.92	+ .20	59	57	− 1	NNE	5	c	4	c	*	64	59	0.12

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine yesterday. None.

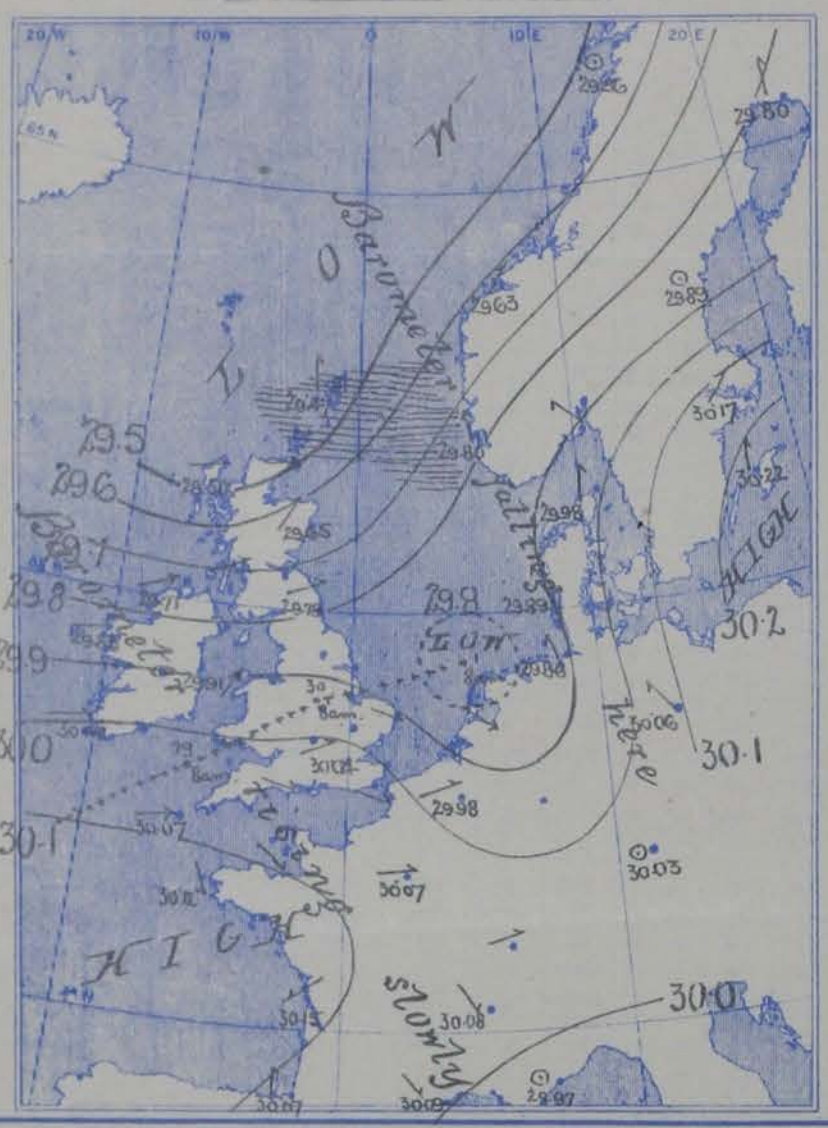
WEATHER CHARTS

FOR SUNDAY, 1st DEC.r, 1895.

BAROMETER, WIND AND SEA.

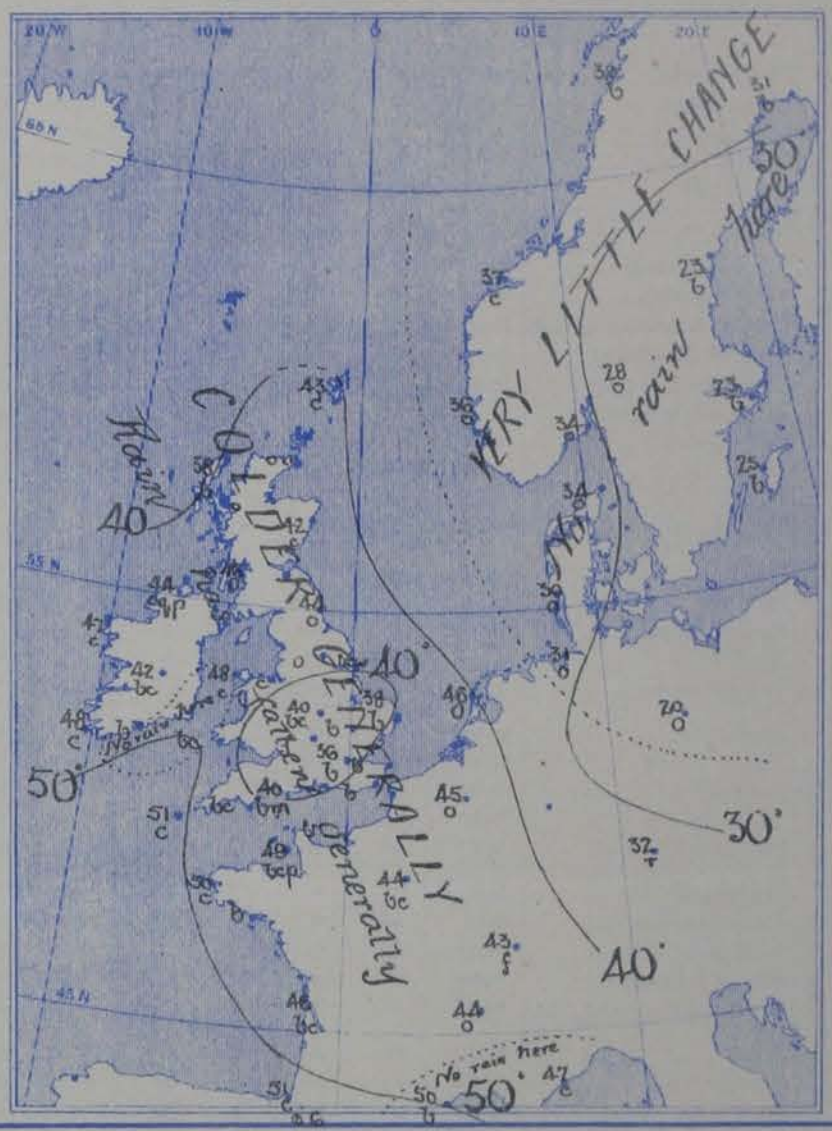
BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough ▒ ; *High* ▒



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86		—
Shields	29·845	38·3	36·9	42·9	33·9	2·57		
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14		
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24		
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73		
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84		
Holyhead	29·879	42·8	41·1	46·4	39·1	5·82		
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59		
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·94	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·90	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95		
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	16·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02		
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76		
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78		
Dover	29·953	39·8	38·6	44·3	35·9	3·00		
LONDON	29·954	37·8	36·7	44·0	33·6	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	33·3	15
Yarmouth	29·916	37·9	37·0	44·9	33·7	2·00		

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 301 mi: and more over the Bay of Biscay, as well as over the Baltic and Eastern Prussia.
Lowest, below 29·4 mi: over Finmark; below 29·5 mi: over the Shetlands and extreme north of Scotland, and about 29·8 mi: in a small secondary depression over the Dogger Bank [this latter system filling up quickly.]
Gradients moderate and decreasing—mainly favourable for W. winds in our Islands, for S. on the Eastern shore of the North Sea, and slight for NE. winds over the southern by France.
Barometer rising except in the extreme north and east

TEMPERATURE

Highest, 51° at Delly and Biarritz, 50° at Perpignan, 48° to 46° on the south and west coasts of Ireland.
Lowest, 10° at Berlin, 23° at Stockholm and Hernösand, 25° at Wick, 37° at Christiansund, 38° at Stornoway.
It has fallen very fast over England during the night, and the fall seems to be spreading southwards and eastwards.

WIND

W. (SW to NW) over the British Islands generally, and blowing rather strongly on some parts of our west and northern coasts, NW. in Holland, but SE. to S. on the other shore of the North Sea. Light and anticyclonic over the Bay of Biscay and north of Spain

WEATHER

Weather much finer generally than of late; ally clear or nearly so at several of the English and French stations, quite clear over Sweden. Some rain has again fallen at the majority of the stations in the British Islands and France, even at Munich, but dry weather reported from the Scandinavian stations generally.

SEA

Still rough in the far north, moderate in the west, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 2nd DECr. 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	None issued

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.94	37	33	S	6	c	4	Valencia	29.92	51	46	W	4	bp	4
Sumburgh Head	29.57	46	46	SE	3	r	6	Scilly	29.92	52	48	NW	5	cp	5
Stornoway	29.55	48	45	SSE	4	r	4	Jersey	29.87	55	51	WNW	4	c	3
Aberdeen	29.65	46	45	S	2	cmg	5	Hurst Castle ...	29.78	53	50	WNW	4	c	2
Shields	29.67	47	47	SE	1	d	3	Dungeness ...	29.68	51	50	SW	4	m	3
Ardrossan	29.69	48	47	E	0	bc	0	North Foreland	29.67	52	50	W	2	o	2
Malin Head ...	29.69	46	45	WSW	4	o	2	London (Westminster)	29.70	52	49	NW	3	o	*
Belmullet	29.79	48	44	WSW	3	bc	*	Yarmouth ...	29.61	50	49	SSW	2	ogfd	4
Holyhead	29.78	48	46	WNW	5	bc	4	Rochefort ...	30.02	64	64	NW	1	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information will appear tomorrow.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.75	31	SSW	6	0	29.76	-.04	32	32	+1	SSW	4	0	*	0	*	34	27	-
	Hernösand ...	29.87	25	S	6	b	29.85	-.04	28	27	+5	S	4	c	*	b	*	?	10	-
	Stockholm ...	30.07	32	SSW	4	0	30.01	-.16	32	30	+9	SW	2	0	*	0	*	32	21	0.39
	Wisby	30.12	30	SSW	4	0	30.06	-.16	32	29	+7	SSW	4	0	*	0	*	?	21	-
	Karlstad ...	29.97	30	S	2	S	29.91	-.17	32	31	+4	SSE	2	S	*	S	*	*	*	0.20
	Bodö	29.50	38	ESE	2	0	29.45	-.11	41	36	+2	SSE	4	c	2	0	*	44	36	-
	Christiansund ...	29.52	41	SSE	3	bc	29.63	.00	41	37	+4	W	4	bc	4	bc	*	41	37	-
	Skudesnaes ...	29.69	39	?	0	r	29.84	+.04	40	39	+4	E	2	c	4	0,r	*	43	34	-
	Færder (Christiania Fjord)	29.85	35	E	6	0	29.80	-.18	37	37	+3	N	2	0	3	0	*	37	34	0.28
	Skagen (The Scaw)	29.86	37	S	5	r	29.85	-.13	36	36	+2	NSW	1	f	0	r	*	37	32	0.24
	Fanö	29.85	34	SE	2	m	29.88	-.01	38	38	+8	NNW	4	f	*	m	5	39	30	0.28
	Sumburgh Head	29.48	40	W	4	0	29.62	+.15	42	41	-1	NSW	3	0	4	0	*	45	38	0.14
	Stornoway ...	29.63	38	NNW	3	b	29.58	+.08	44	44	+6	SW	5	0	5	hg p.bc	2.7	44	35	0.13
	Wick	29.60	38	W	5	0	29.67	+.19	42	41	+1	W	4	c	3	0	*	42	33	0.05
	Nairn	29.67	37	W	2	b	29.71	+.16	40	38	-1	W	1	bc	1	b	*	43	33	0.10
	Aberdeen ...	29.73	36	NSW	3	b	29.83	+.18	38	37	-4	SW	3	c	2	b	3.3	44	31	-
BRITISH ISLANDS.	Leith	29.77	40	SW	3	c	29.88	+.18	43	40	-2	SSW	2	0	*	o p. c	*	48	36	0.12
	Shields	29.84	43	SW	2	bc	29.98	+.19	39	37	-5	SSW	1	mw	2	p. bc	*	47	36	0.02
	Spurn Head ...	29.92	43	NSW	3	cw	30.06	+.16	41	40	-1	NSW	2	bw	2	bc. p	*	46	40	0.01
	York	29.91	45	W	1	c	30.07	+.16	37	37	-6	SSW	1	b	*	c	*	47	35	-
	Loughborough ...	29.98	43	SW	2	bc	30.12	+.14	36	34	-5	?SW	2	cf	*	c.bc.bm	*	49	34	-
	Ardrossan ...	29.80	43	W	2	bc	29.86	+.15	47	46	+1	SSW	4	0	3	bc	*	47	42	0.05
	Malin Head ...	29.82	44	NSW	6	bchgp	29.77	+.06	44	42	0	SSW	6	ou	4	bc.hg p	*	46	40	0.06
	Belmullet ...	29.92	45	NSW	4	cp	29.82	-.01	50	47	+3	NSW	6	bc	*	o.c.p	*	50	42	0.09
	Donaghadee ...	29.89	42	W	5	b	29.95	+.15	43	43	-1	SSW	4	c	2	b	*	47	41	-
	Liverpool (Bidston)	29.98	44	NSW	3	0	30.06	+.14	44	42	-1	SW	2	bc	3	0	*	49	41	-
	Holyhead ...	29.97	48	W	4	0	30.05	+.14	49	45	-1	SW	4	c	3	0	*	50	44	-
	Parsonstown ...	30.00	44	S	1	0	29.99	+.08	44	43	+2	S	1	0	*	bc. o	3.4	48	40	0.03
	Valencia ...	30.07	49	W	4	0	30.04	+.04	51	48	+3	S	4	og	5	bc. o	6.1	51	44	0.04
	Roche's Point ..	30.08	46	W	2	b	30.08	+.08	50	48	+4	SW	4	c	4	b	*	50	40	-
	Pembroke (St. Ann's Hd.)	30.10	51	W	4	b	30.13	+.14	50	49	0	W	4	b	4	b	2.9	52	49	-
	Scilly	30.08	52	WNW	5	c	30.18	+.11	50	49	-1	SW	4	c	5	c	2.4	52	47	0.12
	Prawle Point ...	30.10	47	W	4	c	30.19	+.12	45	43	0	WNW	3	bc	2	cp	*	51	40	0.06
	Jersey (St. Aubin's)	30.11	51	W	3	bcp	30.23	+.14	42	41	-7	NW	2	bm	2	c. p	*	55	42	0.21
	Hurst Castle ...	30.06	47	W	1	bc	30.20	+.15	41	40	+1	WNW	1	bcm	1	bc	*	51	38	-
	Dungeness ...	30.03	41	W	2	b	30.15	+.14	36	36	-2	WNW	2	b	1	b	*	51	34	-
	North Foreland	30.04	42	W	4	b	30.15	+.14	39	38	-3	W	1	b	2	bc.b	*	47	36	-
	London (Brixton) ...	30.04	42	SW	1	c	30.18	+.14	35	34	-1	NSW	1	bm	*	of. bc.bw	0.0	45	34	-
	Oxford	30.08	42	NSW	3	b	30.17	+.13	38	37	+2	SW	2	b	*	b	*	48	35	0.01
	Cambridge ...	30.01	41	SW	1	0	30.15	+.14	35	35	-1	SW	1	b	*	bc. o	4.4	49	33	-
	Yarmouth ...	29.95	42	W	2	b	30.10	+.17	37	35	-1	W	2	bcf	3	b	*	43	35	-
GERMANY & HOLLAND.	Cuxhaven ...	29.87	32	SSE	1	0	29.99	+.13	39	38	+8	NW	3	0	*	0	*	39	31	0.08
	Berlin	30.00	31	SSE	3	0	29.95	-.11	33	31	+13	?	0	0	*	0	*	32	19	-
	Wiesbaden ...	*	*	*	*	*	30.13		39	37		SW	2	0	*	*	*	45	36	0.06
	Munich	30.01	38	SW	4	r	30.15	+.12	36	35	+4	SW	4	0	*	r	*	39	32	0.59
	The Helder ...	29.96	45	NSW	1	0	30.04	+.20	45	42	-1	NW	4	b	2	b	*	46	43	-
BELGIUM.	Brussels ...	*	*	*	*	*	30.18	+.20	37	37	-8	NSW	1	f	*	b	*	48	36	-
	Cape Gris Nez ...	30.01	49	NW	3	bc	30.11	+.18	44	44	-3	NW	1	bc	1	bc	*	54	43	-
	Paris	30.12	47	W	1	0	30.20	+.13	44	43	0	NSW	1	0	*	0	*	47	43	-
	Brest	30.13	50	NW	2	c	30.23	+.11	50	49	0	?	0	1	1	c	*	55	48	0.16
	Lorient	30.15	48	ESE	1	bc	30.25	+.12	46	45	0	SE	1	b	3	bc	*	55	41	-
FRANCE &	Rochefort ...	30.16	48	NE	2	b	30.26	+.11	39	36	-7	E	1	m	*	b	*	56	37	-
	Belfort	30.08	41	W	2	m	30.21	+.19	37	37	-6	W	1	m	*	m	*	45	37	-
	Lyons	30.12	45	NNW	1	0	30.23	+.15	37	35	-7	N	2	b	*	0	*	51	36	-
	Nice	29.97	49	?	0	bc	30.01	+.04	43	41	-4	E	4	b	2	bc	*	54	41	-
	Perpignan ...	30.06	50	NW	2	bc	30.13	+.04	48	43	-2	N	4	bc	*	bc	*	60	43	-
	Biarritz ...	30.09	52	ENE	3	bc	30.17	+.10	41	40	-10	E	4	m	2	bc	*	59	37	-
PENINSULA.	Corunna ...																*			
	Lisbon	29.89	58	NE	5	b	29.98		55	53		NE	5	b	*	b	*	63	54	0.04
	Azores (P. Delgada)	30.07	59	NE	4	b	30.05	+.13	57	55	-2	ENE	4	bc	2	b	*	64	55	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

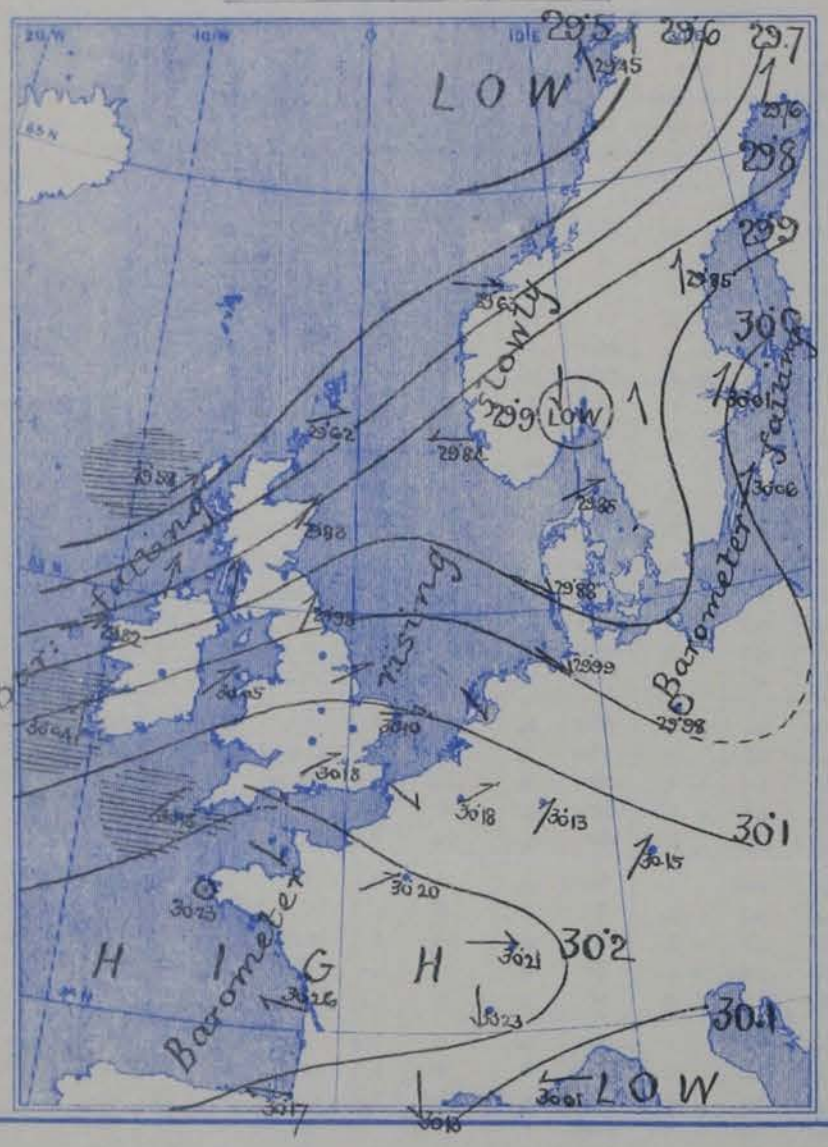
Eastbourne ;- Sunshine yesterday 3.0 hrs.

WEATHER CHARTS

FOR Monday 2nd December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF DECEMBER.*

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·0	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·90	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·90	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	4·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·0	2·10	16·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	57·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·00	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins. and upwards, in an anticyclone lying over the Channel, the Bay of Biscay, and the greater part of France.
Lowest, 29·5 ins. and less, in a depression off the northwest of Norway; 29·6 ins. and less, in another disturbance approaching the northwest of Scotland.
Gradients slight generally, but moderate in the extreme north.
Barometer falling in the extreme west and north of our Islands, and also in Sweden, but rising elsewhere.

TEMPERATURE

Highest, (1) 51° at Valencia (Ireland), and 50° at Belmullet, Rockabill, Pembroke, Scilly and Brest; (2) 48° at Perpignan.
Lowest, (1) 28° at Hernösand, 32° at Haparanda, Stockholm, Visby, and Carlstad, and 33° at Berlin; (2) 35° at Loughborough, Cambridge and in London.
Ground frost occurred last night over the inland parts of England; at Loughborough and in London the thermometer on the grass fell to 26° and at Oxford to 27°.

WIND

SW̄ over our Islands; light or moderate in force generally, but strong in the northwest of Ireland.
W̄ or NW̄ in Holland and Denmark; S̄ in Sweden.
Light or moderate from the E. in the west and south of France.

WEATHER

Fine over England, France and the Netherlands, but with fog or haze in places.
Cloudy or overcast elsewhere, with rain at Brest, and snow at Karlstad.
A little rain fell yesterday in many parts of the United Kingdom, and larger quantities at some of the Scandinavian, Danish and German stations. Lunar halos were seen in the east and southeast of England.

SEA

Rather rough on our extreme southwest coasts and also at Stornoway, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are again beginning to approach our western coasts from the Atlantic, and increasing winds from the S. or SW. are therefore probable in the west and north generally, with rainy unsettled weather. A decided rise of temperature is probable over England.

FORECASTS

For the 24 hours ending at NOON on 3rd DEC. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	SW. winds, increasing in force; dull, unsettled, some rain.
1 SCOTLAND EAST	SW. winds, freshening; fair at first, then cloudy with some rain.
2 ENGLAND N.E.	Same as No. 5
3 ENGLAND EAST	Same as No. 5
4 MIDLAND COUNTIES	Same as No. 5
5 ENGLAND SOUTH	SW. winds, light to fresh; fair generally, becoming milder.
6 SCOTLAND WEST	S. and SW. winds, increasing in force; dull, unsettled, some rain.
7 ENGLAND N.W.	S. and SW. winds, increasing in force; dull, unsettled, some rain.
8 ENGLAND S.W.	Same as No. 1.
9 IRELAND NORTH	Same as Nos. 6 and 7.
10 IRELAND SOUTH	Same as Nos. 6 and 7.
WARNINGS	None issued

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.75	44	?	SSE	7	0	5
Sumburgh Head							
Stornoway	29.57	41	38	N	3	bc	2
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.76	44	40	NSW	6	0	4
Belmullet	29.87	46	43	NSW	4	0	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30.09	53	50	N	3	c	3
Hurst Castle ...							
Dungeness ...	30.00	47	46	NSW	2	bc	2
North Foreland	30.01	46	44	WNW	1	bc	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30.20	56	55	NE	2	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 24TH TO THE 30TH NOV/95

At the commencement of this week a well-marked anticyclone, in which the maximum readings exceeded 30·5 ins., lay over the northern parts of the British Islands and the North Sea. From these regions the readings decreased in a southerly direction, to about 30·1 ins. on the south coast of England, to below 29·8 ins. over Spain and the south of France, and to 29·4 ins. over the Azores. E. winds were therefore prevalent over the United Kingdom, with dry weather, but with a good deal of cloud or haze over Great Britain, fine weather in Ireland.

After Tuesday a decided change began to spread over us gradually. Two anticyclones appeared — one in the north, the other in the southeast and south, while a low pressure system began to extend steadily over the British Islands from the southward. The thermometer rose slowly but steadily — first at our southern stations, and afterwards in the north; warm rains spread all over us, accompanied by thick mist and very close air, and in some places the rainfall was considerable. The gloom, especially in London, was very continuous. Saturday was the twelfth consecutive day on which London had recorded no sunshine, and on Friday all the stations which send Sunshine records for the Daily Weather Report, reported a complete absence of the element.

At the close of the week a temporary improvement was apparent in the southeast and south, but the improvement was by no means thoroughly established.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 3rd December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.86	33	SSW	4	0	29.60	− .16	35	34	+ 3	S	6	0	*	0	*	35	29	—
	Hernösand ...	29.88	29	S	6	c	29.58	− .27	33	31	+ 5	S	8	0	*	c	*	33	25	—
	Stockholm ...	30.06	33	SSW	2	0	29.89	− .12	33	31	+ 1	S	4	0	*	0	*	34	30	—
	Wisby	30.12	32	S	4	0	30.02	− .04	32	29	0	S	4	0	*	0	*	32	27	—
	Karlstad ...	29.96	36	S	4	0	29.63	− .28	37	35	+ 5	S	6	0	*	0	*	*	*	0.08
	Bodö	29.44	39	SSW	4	0	28.94	− .51	35	31	− 6	E	4	0	2	0	*	41	34	—
	Christiansund ...	29.38	43	S	5	0	28.97	− .66	44	39	+ 3	SSW	7	c	4	0	*	44	41	—
	Skudesnaes ...	29.75	45	SSE	10	0	29.39	− .45	46	42	+ 6	WSW	8	c	7	c,0	*	46	36	*
	Færder (Christiania Fjord)	29.95	35	SSW	2	0	29.41	− .39	44	43	+ 7	S	8	r	5	0	*	44	34	0.04
	Skagen (The Scaw)	30.00	39	WSW	2	bc	29.59	− .26	40	40	+ 4	SW	4	r	1	bc	*	41	36	0.04
	Fanö	30.02	41	SW	4	0	29.75	− .13	42	42	+ 4	SSW	6	r	*	0	*	43	36	—
BRITISH ISLANDS.	Sumburgh Head	29.14	44	S	7	0	29.13	− .49	41	40	− 1	W	7	bc	7	r,0	*	46	37	0.30
	Stornoway ...	29.18	48	WSW	7	0	29.43	− .15	40	38	− 4	WNW	5	bchp	5	r,0	0.0	50	36	0.86
	Wick	29.21	48	W	5	0	29.36	− .31	38	37	− 4	NW	6	ow	5	0	*	43	33	0.15
	Nairn	29.24	50	WSW	7	r	29.48	− .23	36	35	− 4	W	1	c	2	rq	*	51	34	0.40
	Aberdeen ...	29.47	47	SSW	9	ofqg	29.54	− .29	37	35	− 1	SW	5	bq	4	ogqpw	0.0	50	37	0.02
	Leith	29.53	50	WSW	4	0	29.67	− .21	42	41	− 1	SW	3	b	*	of	*	51	39	0.08
	Shields	29.81	48	SSW	3	0	29.76	− .22	43	40	+ 4	WSW	4	bc	2	o	*	51	38	—
	Spurn Head ...	29.97	45	SSW	4	0	29.89	− .17	46	44	+ 5	W	3	c	3	b,o	*	48	40	—
	York	29.95	45	SSW	2	c	29.88	− .19	43	41	+ 6	W	1	b	*	o	*	47	37	0.02
	Loughborough ...	30.06	46	SW	4	0	29.94	− .18	44	43	+ 9	W	2	c	*	bc,opq	*	49	35	0.10
	Ardrossan ...	29.59	49	SSW	5	pq	29.72	− .14	45	42	− 2	W	5	cq	4	o,pq	*	50	42	0.20
	Malin Head ...	29.47	49	SW	7	op	29.73	− .04	44	40	0	WSW	8	opq	6	op	*	49	40	0.22
	Belmullet ...	29.64	50	WSW	9	r	29.93	+ .11	44	41	− 6	W	4	bc	*	o,r	*	50	38	0.22
	Donaghadee ...	29.70	50	SW	7	c	29.83	− .12	38	38	− 5	W	5	b	4	c	*	50	38	0.05
	Liverpool (Bidston)	29.95	49	SW	4	0	29.95	− .11	45	43	+ 1	W	5	o	4	o,p	*	51	44	0.03
	Holyhead ...	29.91	50	SW	7	oq	29.97	− .08	46	42	− 1	W	7	cq	5	oqm,oq	*	50	42	—
	Parsonstown ...	29.83	50	W	3	d	29.99	.00	40	38	− 4	NW	1	b	*	od	0.1	51	39	0.07
	Valencia ...	29.91	52	SW	5	om	30.08	+ .04	48	44	− 3	W	4	c	5	og,om	0.0	53	45	0.03
	Roche's Point ..	29.97	51	WSW	5	o	30.08	.00	45	43	− 5	W	3	bpd	4	o	*	52	44	0.01
	Pembroke (St. Ann's Hd.)	30.04	49	WSW	5	c	30.06	− .07	50	47	0	NW	5	c	5	c	2.5	52	48	0.03
	Scilly	30.15	52	SW	5	c	30.09	− .09	51	50	+ 1	NW	5	o	5	c	3.5	54	49	0.02
	Prawle Point ...	30.16	48	SW	4	c	30.09	− .10	51	50	+ 6	WSW	6	rmw	5	cp	*	52	44	0.02
	Jersey (St. Aubin's)	30.24	52	SW	3	og	30.18	− .05	53	50	+ 11	WSW	5	og	4	cg,og	*	54	41	—
	Hurst Castle ...	30.06	50	WSW	4	o	30.07	− .13	52	50	+ 11	WSW	3	opd	2	c,o	*	52	41	0.08
	Dungeness ...	30.16	47	W	3	bc	30.01	− .14	50	49	+ 14	WSW	4	c	3	b,bc	*	52	34	0.02
	North Foreland	30.16	45	SW	1	b	30.02	− .13	49	48	+ 10	SW	3	o	2	b	*	49	39	—
	London (Brixton) ...	30.14	45	WSW	2	o	30.01	− .17	49	47	+ 14	SSW	2	o	*	bm,o	0.9	49	35	—
	Oxford	30.08	46	SSW	3	o	30.00	− .17	49	48	+ 11	SW	3	r	*	b,c	*	51	37	0.01
	Cambridge ...	30.10	44	SW	1	o	29.97	− .18	49	49	+ 14	SW	3	o	*	b,o	3.0	50	34	—
	Yarmouth ...	30.09	43	SW	2	bc	29.92	− .18	47	46	+ 10	WSW	4	omg	3	b,bc	*	47	35	—
GERMANY & HOLLAND.	Cuxhaven ...	30.17	40	SW	1	o	29.91	− .08	39	38	0	SW	4	o	*	o	*	43	39	—
	Berlin	30.08	37	W	3	o	30.14	+ .19	32	32	− 1	SSW	2	f	*	o	*	37	32	0.08
	Wiesbaden ...	*	*	*	*	*	30.21	+ .08	38	37	− 1	SW	2	o	*	*	*	46	36	0.04
	Munich... ..	30.22	32	SW	2	s	30.32	+ .17	31	31	− 5	SE	4	c	*	s	*	41	30	0.24
	The Helder ...	30.10	41	SSE	1	c	29.90	− .14	46	45	− 1	SW	6	o	3	c	*	46	39	—
BELGIUM.	Brussels ...	*	*	*	*	*	30.13	− .05	44	43	+ 7	SW	4	o	*	f	*	44	37	—
	Cape Gris Nez...	30.08	50	W	3	c	30.02	− .09	51	50	+ 7	W	5	o	5	c	*	54	43	0.04
	Paris	30.27	41	WSW	1	b	30.26	+ .06	44	43	0	SSW	2	o	*	b	*	52	39	—
	Brest	30.23	52	SSW	3	c	30.20	− .03	53	51	+ 3	WSW	3	c	4	c	*	54	50	0.16
	Lorient... ...	30.27	51	WSW	3	b	30.24	− .01	54	50	+ 5	W	4	o	3	b	*	54	46	—
FRANCE &	Rochefort ...	30.31	47	E	1	b	30.32	+ .06	41	41	+ 2	E	1	f	*	b	*	55	39	—
	Belfort	30.31	40	SSW	2	o	30.34	+ .13	36	36	− 1	SW	1	f	*	o	*	45	35	—
	Lyons	30.30	44	NW	1	o	30.31	+ .08	37	36	0	N	1	b	*	o	*	48	36	—
	Nice	30.08	47	E	0	bc	30.15	+ .14	43	39	0	E	2	b	2	bc	*	55	41	—
	Perpignan ...	30.19	50	NW	4	b	30.14	+ .01	46	39	− 2	NW	1	b	*	b	*	56	41	—
	Biarritz ...	30.22	43	E	3	b	30.24	+ .07	34	33	− 7	E	4	m	5	b	*	48	32	—
PENINSULA.	Corunna ...																*			
	Lisbon	30.11	60	ENE	3	0	30.10	+ .12	59	56	+ 2	ENE	3	b	*	0	*	64	55	0.04
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

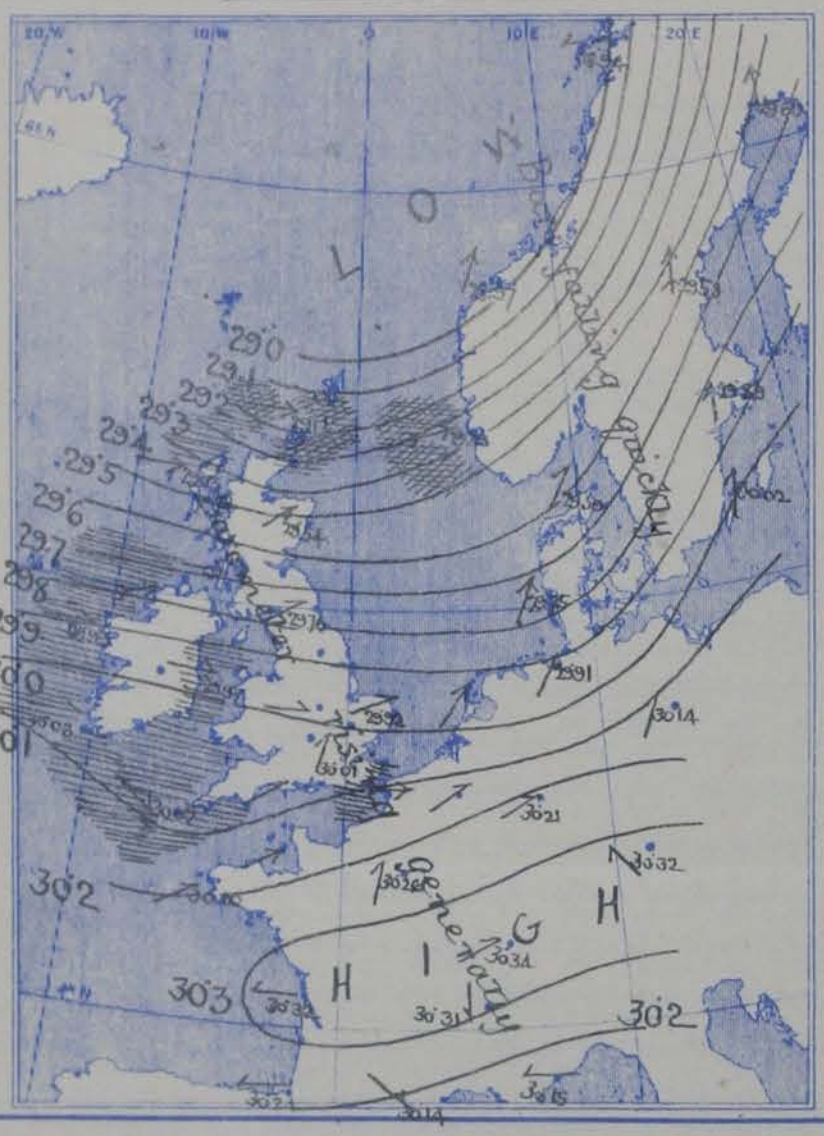
Eastbourne: Sunshine yesterday 6.8 hrs.

WEATHER CHARTS

FOR Tuesday, 3rd December, 1895.

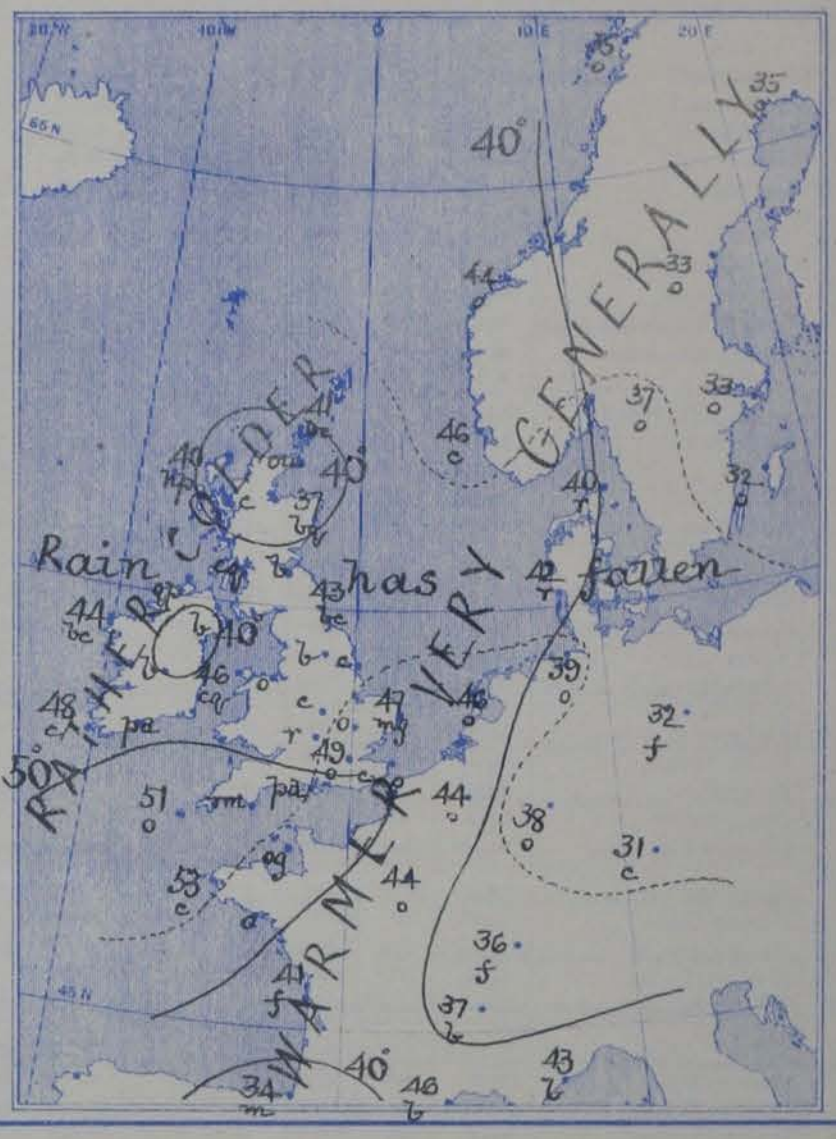
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ➛ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ➛ ; *Force 1 to 4* ⟶ ; } Calm ⊙
SEA—Rough ▤ : *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Arboretum	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	5·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·90	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·60	46·2	29
Scilly	29·951	47·0	45·1	49·5	43·4	4·62	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	35·1	25
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·6	2·16	19·4	8
Oxford	29·955	37·0	35·9	42·9	32·5	2·10	27·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	30·3	17
Yarmouth	29·916	37·0	37·0	43·9	33·7	2·00	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and upwards over South Germany and the central parts of France.
Lowest 29.0 ins. and less in a large depression lying off the west of Norway.
Gradients steep over Scandinavia, and rather steep over Denmark, the North Sea and the N^rn. parts of our Islands, but moderate or slight elsewhere.
Barometer rising over the United Kingdom and also in Germany, but falling elsewhere, - quickly in Scandinavia.

TEMPERATURE

Highest (1) 57° at Lisbon, (2) 54° at Lorient, 53° at Jersey and Brest, and 52° at Hurst Castle.
Lowest 31° at Munich, 32° at Berlin and Wisby, and 33° at Hernösand and Stockholm; lowest in our Islands, 36° at Nairn, and 37° at Aberdeen.
During yesterday the thermometer rose to 50° or a little more in nearly all parts of the United Kingdom, and to 54° at Scilly and Jersey.

WIND

W^ly. in our Islands, and strong in force on many parts of our N. and NW. coasts, with a gale at Malin H^d.
Moderate to strong from the SW^ly. over Denmark, Germany and the Netherlands; strong to a gale from the S^ly. in Scandinavia.
Light from the E^ly. over the southern parts of France.
Since yesterday morning a fresh to strong gale from SW. has been experienced on our N^rn. coasts generally.

WEATHER

Fine at many of our northern stations, but with showers in places; dull and rainy over the S^rn. parts of Ireland.
Dull at most of the Continental stations, with local fogs in France and Germany, and with rain in Denmark and the south of Norway.
Rain fell yesterday at all but our E^rn. and SE^rn. stations, the amount being slight in most places, but large in the N. of Scotland. Solar and lunar halos were seen yesterday at Oxford, and a lunar halo in London.

SEA

High at Sumburgh H^d. and Skudesnes; rather rough on our southwestern, western and extreme northern coasts generally, as well as at Cape Gris Nez and Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is at present rising steadily in the west, but with the present distribution of pressure it is not unlikely that fresh disturbances will shortly approach our Islands from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 4th. DEC. 1895.

DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH; 2 SCOTLAND EAST	W^ly. winds, strong to moderate; changeable, showery.
1 ENGLAND N.E.	W^ly. winds, moderate, changeable, some showers, colder.
3 ENGLAND EAST; 4 MIDLAND COUNTIES; 5 ENGLAND SOUTH	SW^ly. to W^ly. or NW^ly. winds, dull at first with some rain, improving later and becoming temporarily colder.
6 SCOTLAND WEST; 7 ENGLAND N.W.	W^ly. to SW^ly. winds, strong; unsettled, some showers.
8 ENGLAND S.W.	NW^ly. to SW^ly. winds, fresh; fair at first, unsettled later, with some rain.
9 IRELAND NORTH; 10 IRELAND SOUTH	Same as No^s. 6 and 7.
WARNINGS	At 11.45 am yesterday to districts 6, 6 and part of 9, and at 3.15 pm to districts 1, 2, 7, 10 and the remainder of 9. Hoist South Cone.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.88	44	41	S	4	c	4
Sumburgh Head	29.98	45	43	SSW	5	r	5
Stornoway	29.26	49	48	SW	8	r	8
Aberdeen	29.63	45	42	S	5	ogpqw	4
Shields	29.90	43	42	SSW	3	o	2
Ardrossan	29.73	49	48	SSW	5	o	4
Malin Head ...	29.87	49	47	SSW	7	o	5
Belmullet	29.68	50	48	SW	7	o	*
Holyhead	29.98	50	48	SW	6	ogpw	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.95	52	50	S	5	og	6
Scilly	30.15	54	51	SW	5	c	5
Jersey	30.24	52	49	WSW	2	c	2
Hurst Castle ...	30.22	52	48	WSW	2	c	2
Dungeness ...	30.16	49	46	W	2	b	2
North Foreland	30.17	49	46	NW	1	b	2
London (Westminster)	30.14	50	46	W	3	c	*
Yarmouth ...	30.10	44	42	W	2	b	2
Rochefort ...	30.31	50	49	ESE	2	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over England, the Netherlands, France and the greater part of southern Europe, as well as in Poland. Cloudy or overcast elsewhere, with snow at Haparanda, Swinemunde and Vienna. Dull, rainy weather spreading later from the W^ward to all but the extreme eastern and southeastern parts of the United Kingdom. Solar and lunar halos seen in the south of England.

Temperature fallen in the eastern parts of the United Kingdom, as well as in the Netherlands France and Italy; risen in most other localities. Morning readings highest 60° at Oran and Algiers, 59° at Nemours and Malta and 58° at Palma, above 50° at most of the Mediterranean and Spanish coast stations and just touching that point on our own extreme west and southwest coasts. Lowest 7° at Warsaw, 9° at Kharkov, 10° at Cracow, and 12° at Neufahrwasser and Lemberg; below the freezing point over the whole of Russia, Austria and eastern Germany, and also in many parts of Sweden and Denmark. Rising during day to 50° or a little more in nearly all parts of the United Kingdom, to 55° and upwards over the southern parts of France, and to 64° at Lisbon.

Wind SW^ly in our Islands; light to moderate in force generally, but strong in the NW. of Ireland. W^ly or NW^ly in Holland and Denmark; S^ly in Sweden and Finland. NE^ly in the south of Russia, E^ly in Poland. SE^ly over Austria and east Germany. N^ly in Greece and central Italy. Varying between E. and N. over Spain and the southern parts of France. Subsequently increasing to a strong gale from the SW^ward on many parts of our northern coasts, and from the S^ward in the SW. of Norway.

Barometer highest 30.4 ins. and upwards in an anticyclone over central Russia; 30.2 ins. and upwards in another system over France and the Bay of Biscay. Lowest 29.5 ins. and less in a depression off the NW. of Norway, 29.6 ins. and less in another disturbance approaching our own extreme NW. coasts. Latter system forming large and deep and advancing quickly E^ward; barometer falling quickly over the north of our Islands generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 4th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.33	31	SW	8	S	29.21	-.39	30	30	-5	SW	4	0	*	S	*	35	30	0.04
	Hernösand ...	29.23	35	S	6	0	29.26	-.32	27	26	-6	E	0	c	*	0	*	36	?	0.16
	Stockholm ...	29.44	36	S	4	0	29.43	-.46	34	33	+1	SW	4	b	*	0	*	37	30	0.24
	Wisby	29.59	38	W	8	bc	29.56	-.46	39	37	+7	WNW	6	0	*	bc	*	39	28	0.24
	Karlstad ...	29.40	37	SSW	2	b	29.43	-.20	33	32	-4	NSW	1	b	*	r.b	*	*	*	0.04
	Bodö	28.84	39	S	7	r	28.93	-.01	33	32	-2	SSW	4	S	2	r	*	41	32	-
	Christiansund ...	29.13	35	NSW	9	S	29.14	+.17	36	33	-8	ESE	2	bc	5	r.S	*	44	34	0.51
	Skudesnaes ...	29.48	42	NSW	6	c	29.36	-.03	42	40	-4	NSW	7	c	6	c	*	46	37	*
	Færder (Christiania Fjord)	29.41	42	SW	7	b	29.44	+.03	41	39	-3	SW	6	c	5	b	*	45	41	-
	Skagen (The Scaw)	29.55	41	WNW	4	b	29.52	-.07	39	37	-1	W	3	bc	0	b	*	43	36	0.04
	Fanö	29.75	41	W	4	b	29.66	-.09	39	38	-3	W	4	c	*	b	*	45	39	0.16
	Sumburgh Head	29.33	40	W	4	c	29.21	+.08	?37	35	-4	WNW	3	TSP	6	c	*	42	35	0.27
	Stornoway ...	29.48	40	SW	3	c	29.32	-.11	38	37	-2	NSW	5	0	5	o.c	0.5	42	36	0.23
	Wick	29.51	40	SW	3	c	29.31	-.05	39	38	+1	NW	3	0	3	c	*	?43	33	0.10
	Nairn	29.54	39	W	1	b	29.43	-.05	39	38	+3	W	2	0	2	b	*	40	34	0.14
	Aberdeen ...	29.61	37	SW	3	b	29.51	-.03	37	35	0	SSW	2	c	2	bc.b.l	w7	42	35	-
BRITISH ISLANDS.	Leith	29.72	39	NSW	5	r	29.62	-.05	43	40	+1	NSW	4	0	*	a.p	*	44	37	0.12
	Shields	29.82	43	WSW	3	c	29.74	-.02	45	42	+2	SW	2	0	2	c	*	46	40	-
	Spurn Head ...	29.92	43	NSW	4	c	29.87	-.02	43	41	-3	W	4	c	3	c	*	46	40	-
	York	29.91	43	W	3	b	29.86	-.02	45	43	+2	W	3	0	*	b	*	50	43	0.08
	Loughborough ...	30.01	41	W	2	b	29.99	+.05	42	40	-2	SW	4	bcw	*	bc.c.bc	*	49	39	-
	Ardrossan ...	29.74	44	W	4	oqp	29.65	-.07	46	45	+1	NSW	5	r	4	o.qp	*	46	41	0.27
	Malin Head ...	29.72	44	WSW	6	cnqp	29.61	-.12	47	46	+3	SW	6	or	4	o.qhp	*	47	40	0.25
	Belmullet ...	29.90	46	WSW	6	cqp	29.81	-.12	49	47	+5	NSW	7	0	*	cqp	*	49	41	0.13
	Donaghadee ...	29.97	42	SW	5	c	29.78	-.05	44	44	+6	NSW	6	c	5	c	*	44	38	0.05
	Liverpool (Bidston)	29.96	43	NSW	3	0	29.92	-.03	45	42	0	W	6	0	5	bc.r	*	47	42	0.01
	Holyhead ...	29.97	46	SW	6	o	29.94	-.03	48	45	+2	SW	6	gmr	5	c.o	*	48	43	0.02
	Parsonstown ...	30.01	41	W	2	c	29.96	-.03	46	44	+6	SW	3	d	*	c.or	3.5	47	39	0.08
	Valencia ...	30.13	50	NSW	6	bcp	30.10	+.02	51	48	+3	WSW	6	og	6	cp	2.0	51	45	0.08
	Roche's Point ..	30.11	46	WNW	3	b	30.11	+.03	48	47	+3	NSW	4	dp	4	b	*	51	42	-
	Pembroke (St. Ann's Hd.)	30.08	48	WNW	6	bc	30.07	+.01	50	49	0	W	7	oq	6	bc	?	51	47	0.05
	Scilly	30.18	51	W	5	c	30.23	+.14	51	50	0	W	6	c	5	c	1.4	54	47	0.02
	Prawle Point ...	30.17	46	W	3	bc	30.19	+.10	49	46	-2	NSW	5	cp	4	bcp	*	51	44	0.05
	Jersey (St. Aubin's)	30.20	51	WNW	4	omr	30.27	+.09	51	46	-2	W	4	cq	3	c.rm.p	*	54	48	0.07
	Hurst Castle ...	30.11	47	W	2	c	30.15	+.08	49	46	-3	NSW	3	o8	2	c	*	53	45	0.03
	Dungeness ...	30.06	45	W	2	bc	30.08	+.07	44	43	-6	W	4	c	3	c.bc	*	51	41	0.04
	North Foreland	30.06	43	W	1	b	30.07	+.05	42	41	-7	W	1	bc	2	o.b	*	50	39	-
	London (Brixton) ...	30.07	43	W	2	bc	30.09	+.08	42	40	-7	NSW	3	c	*	c.b	0.0	50	39	-
	Oxford	30.08	41	NSW	2	b	30.08	+.08	42	40	-7	SW	2	bc	*	o.b	*	49	39	0.01
	Cambridge ...	30.04	39	SW	1	b	30.03	+.06	40	40	-9	SW	3	0	*	c.b	1.6	50	36	0.07
	Yarmouth ...	29.97	47	W	3	bc	29.96	+.04	40	38	-7	W	3	bc	2	bc	*	48	39	0.01
GERMANY & HOLLAND.	Cuxhaven ...														*		*			
	Berlin	29.95	39	SW	3	r	29.88	-.26	39	38	+7	WNW	2	0	*	r	*	41	32	0.0
	Wiesbaden ...	*	*	*	*	*	30.12	-.09	39	38	+1	SW	2	b	*	*	*	45	38	0.0
	Munich... ..	30.25	33	SW	3	bc	30.17	-.15	38	37	+7	SW	6	r	*	bc	*	39	31	0.04
	The Helder ...	29.94	45	W	4	b	29.90	.00	45	42	-1	W	6	0	3	b	*	48	45	0.08
BELGIUM.	Brussels ...	*	*	*	*	*	30.13	.00	39	38	-5	NSW	3	c	*	0	*	47	38	0.28
	Cape Gris Nez...	30.03	49	NW	4	c	30.04	+.02	48	44	-3	NNW	6	c	6	c	*	52	41	0.20
	Paris	30.20	48	SW	3	0	30.26	.00	41	38	-3	NSW	2	bc	*	0	*	50	41	0.04
	Brest	30.24	50	NW	4	f	30.31	+.11	51	48	-2	NNW	3	c	2	f	*	55	41	0.12
	Lorient... ...	30.26	54	WNW	5	0	30.34	+.10	50	46	-4	NW	4	0	4	0	*	55	45	-
FRANCE &	Rochefort ...	30.33	51	SSW	3	b	30.36	+.04	50	50	+9	NE	3	0	*	bc.b	*	52	41	0.08
	Belfort	30.28	36	NSW	2	f	30.26	-.08	38	38	+2	NSW	3	?t	*	f	*	40	36	0.12
	Lyons	30.38	38	ESE	1	m	30.42	+.11	34	33	-3	SE	1	f	*	m	*	45	34	-
	Nice	30.31	46	Z	0	b	30.25	+.10	42	39	-1	E	1	bc	1	b	*	54	?	-
	Perpignan ...	30.33	?	SW	1	b	30.36	+.22	38	35	-8	NSW	1	c	*		*	62	34	-
	Biarritz ...	30.27	46	ENE	3	b	30.36	+.12	46	44	+12	SSW	2	b	4	b	*	54	34	-
PENIN-SULA.	Corunna ...																*			
	Lisbon	30.25	59	NE	4	c	30.32	+.22	51	48	-6	NNE	4	b	*	c	*	64	50	-
	Azores (P. Delgada)	30.36	57	NE	4	c	30.44	+.26	56	54	-2	NE	5	c	3	c	*	63	55	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

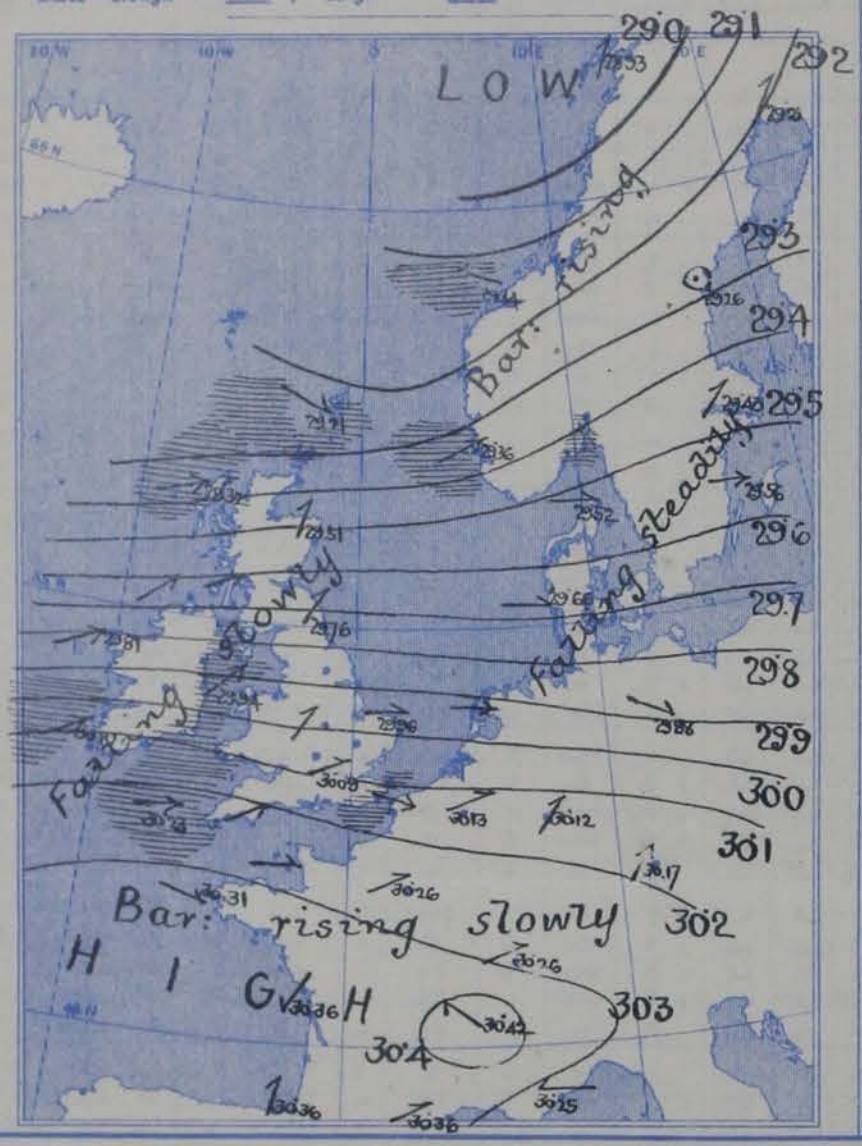
Eastbourne, - Sunshine yesterday 0.0.

WEATHER CHARTS

FOR Wednesday, 4th December. 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF DECEMBER.*

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	10
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·0	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in. to 30·4 in. in an anticyclone lying over France, the Bay of Biscay, and the Spanish Peninsula.
Lowest, 29·0 in. and less, in a depression off the northwest of Norway.
Gradients rather steep over the west of our Islands, moderate over Northwestern Europe generally, slight over France.
Barometer falling a little in most countries, but rising in France and also in Norway.

TEMPERATURE

Highest, 51° at Valencia (Ireland), Scilly, Jersey, Brest, and Lisbon, and 50° at Pembroke, Lorient, and Rochefort.
Lowest, 27° at Hernösand, 30° at Haparanda, 33° at Bodö and Faeroe, and 34° at Stockholm and also at Lyons.
During yesterday the thermometer rose to 50° and upwards at most of our southern stations, and to 54° at Scilly and Jersey; on our extreme northern coast it did not exceed 45°.

WIND

Chiefly W. or SW., and strong in force on many parts of our western coasts.
Variable or E. over the southern parts of France.

WEATHER

Cloudy or overcast in most places, with rain or passing showers at several of our western stations, and with snow at Lerwick and Bodö.
Fine on the southeast coast of England, as well as in the southern parts of France and Sweden.
Rain fell yesterday in most parts of Northwestern Europe, but the amounts were as a rule small. Lightning was seen last night at Aberdeen.

SEA

Rough or rather so on our western and extreme northern coasts, as well as at the Norwegian stations

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance remains very unsettled. Secondary depressions are apparently approaching our northwest coasts, and increasing winds from SW. or W. are probable in the western and southern parts of the Kingdom generally, with squally, showery weather.

FORECASTS

For the 24 hours ending at NOON on 5th Dec. 1895.

DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH ▼ 1 SCOTLAND EAST ▼ 2 ENGLAND N.E.	SW. to W. winds, strong in places; unsettled, some showers.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW. winds, freshening considerably; fair at first, then squally and showery.
▼ 6 SCOTLAND WEST ▼ 7 ENGLAND N.W. 8 ENGLAND S.W. ▼ 9 IRELAND NORTH ▼ 10 IRELAND SOUTH	SW. and W. winds, strong, a gale in places; squally, some rain.
WARNINGS	The SOUTH CONE is still flying in districts 0 to 2, 6, 7, 9, and 10.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·42	43	41	NSW	7	c	6
Sumburgh Head	29·27	42	38	W	5	c	7
Stornoway	29·52	42	40	NNW	4	o	4
Aberdeen	29·61	41	36	SW	3	bc	3
Shields	29·82	45	41	SW	4	c	2
Ardrossan	29·77	46	46	W	5	o	5
Malin Head ...	29·77	44	42	WSW	6	o	5
Belmullet	29·90	46	43	WSW	4	cqp	*
Holyhead	29·99	47	43	WSW	6	c	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·10	47	45	WSW	5	cp	6
Scilly	30·15	52	48	NW	5	c	5
Jersey	30·16	54	51	WSW	5	or	4
Hurst Castle ...	30·06	50	48	W	2	c	2
Dungeness ...	30·00	50	50	W	3	c	3
North Foreland	30·02	50	49	W	1	o	2
London (Westminster)	30·04	51	46	W	2	c	*
Yarmouth ...	29·96	47	44	NNW	3	bc	3
Rochefort ...	30·34	50	49	S	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather dull and unsettled over the southern parts of our Islands, with rain or passing showers in many places; fine at many of our northern stations, but showery on our extreme northwest coasts. Dull over the greater part of the Continent, with local fogs in France and Germany, and with rain in Denmark and the south of Norway, as well as at Breslau and Pesaro; snow falling at Buda Pesth. A little rain falling during day over Northwestern Europe generally; lightning seen at Aberdeen at night.

Temperature fallen in Ireland and Scotland, and also over Spain and Russia, but risen in most other countries. Morning readings highest 60° at San Fernando and Algiers, 59° at Malta, and 57° at Lisbon; above 50° over the central and southern parts of the Mediterranean generally as well as at the English Channel stations. Lowest 0° Zero at Kharkov, 8° at St Petersburg, 11° at Moscow, 12° at Riga, 13° at Memel; below the freezing point over the whole of Russia, Austria and S. Germany, and very little above it over Central Spain. Daily maxima below 45° in the extreme north of our Islands, but thermometer exceeding 50° at most of our southern stations, and touching 55° in the northwest of France; reaching 64° at Lisbon.

Wind W in our Islands, and strong in force on many parts of our north and northwest coasts, with a gale at Malin Hd. Moderate to strong from the SW over Denmark, Germany, and the Netherlands; strong to a gale from the S in Scandinavia; light or moderate from the same quarter in northern Russia. Variable in Austria; N in Italy and also in the south of Russia; E or NE over the Spanish Peninsula and the southern parts of France. Subsequently veering to the W in Norway, but continuing to blow a gale; backing to the SW on many parts of our western and northern coasts.

Barometer highest 30·50 in. at Moscow; 30·3 in. and upwards in an anticyclone covering the greater part of Russia, and extending westwards in the form of a narrow band over Austria, South Germany and the central parts of France. Lowest, 29·0 in. and less, in a large and deep depression off the west of Norway. Depression subsequently moving northeastwards, barometer rising in Norway, but inclined to fall again on our western and northern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 5th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.12	27	E	0	b	28.84	-.37	32	31	+2	SSW	4	0	*	b	*	32	23	0.20
	Hernösand ...	29.10	31	S	4	c	28.54	-.72	34	33	+7	S	8	S	*	c	*	36	21	0.12
	Stockholm ...	29.32	36	SW	2	0	28.77	-.66	38	37	+4	SW	6	r	*	0	*	38	32	0.16
	Wisby	29.06	38	W	6	b	28.94	-.62	40	39	+1	SW	9	0	*	b	*	40	34	0.16
	Karlstad ...	29.23	38	SW	4	0	28.67	-.76	39	37	+6	SW	2	0	*	0.r	*	*	*	0.12
	Bodö	28.84	39	E	2	bc	28.41	-.52	29	27	-4	E	6	0	2	bc	*	34	28	-
	Christiansund ...	28.76	37	NSW	3	0	28.34	-.80	38	35	+2	NSW	2	0	0	0	*	38	36	0.20
	Skudesnaes ...	28.92	45	NSW	9	r	28.42	-.94	46	45	+4	SW	6	0	7	0.r	*	46	39	*
	Færder (Christiania Fjord)	29.19	43	SW	6	0	28.59	-.85	42	41	+1	SSW	7	r	6	0	*	43	41	0.16
	Skagen (The Scaw)	29.17	41	SW	5	0	28.64	-.88	44	43	+5	W	4	r	0	0	*	45	37	0.28
	Fanö	29.28	45	NSW	6	r	28.92	-.74	46	46	+7	NSW	6	r	*	r	*	46	39	0.35
	Sumburgh Head	28.54	41	NNW	4	c	28.46	-.75	40	36	+?3	W	7	c	7	c	*	46	38	0.34
	Stornoway ...	29.12	47	NNW	5	0	28.84	-.48	41	39	+3	NNW	6	ohqu	6	orq	0.0	49	38	0.82
	Wick	29.02	42	NW	7	0	28.69	-.62	38	38	-1	NW	8	ohptlu	5	o	*	48	36	0.90
	Nairn	29.11	46	W	3	r	28.82	-.61	41	39	+2	NNW	4	c	4	r	*	49	36	0.58
	Aberdeen ...	29.16	48	NSW	4	ogq	28.85	-.66	40	37	+3	NSW	5	bcq	3	orgq	0.0	51	37	0.25
BRITISH ISLANDS.	Leith	29.30	51	NSW	5	0	28.99	-.63	48	44	+5	W	6	bc	*	d.r	*	53	40	0.20
	Shields	29.43	51	NSW	7	0	29.08	-.66	45	44	0	NNW	8	r	2	op.o	*	53	38	0.10
	Spurn Head ...	29.61	49	SW	5	0	29.18	-.69	51	50	+8	W	8	c	5	o	*	51	43	-
	York	29.62	50	W	5	0	29.23	-.63	52	51	+7	W	7	0	*	0	*	52	45	0.0,r
	Loughborough ...	29.76	49	SW	6	0	29.48	-.51	54	49	+12	NSW	7	og	*	c.op	*	54	42	-
	Ardrossan ...	29.40	51	NSW	5	oq	29.10	-.55	47	46	+1	W	6	c	6	r.oq	*	51	46	0.30
	Malin Head ...	29.44	50	NSW	7	od	29.17	-.44	46	44	-1	W	10	oq	8	od	*	51	45	0.70
	Belmullet ...	29.70	52	NSW	8	0	29.48	-.33	51	49	+2	W	8	o	*	oqp	*	52	43	0.12
	Donaghadee ...	29.57	50	NSW	7	r.q	29.29	-.49	51	50	+7	W	9	c	7	rq	*	52	44	0.11
	Liverpool (Bidston)	29.69	49	NSW	7	0	29.35	-.57	53	50	+8	NSW	7	0	7	o.r	*	53	45	0.13
	Holyhead ...	29.76	51	NSW	7	qd	29.46	-.48	54	52	+6	SW	8	oqm	7	oqmd	*	54	46	0.16
	Parsonstown ...	29.90	51	W	4	c	29.61	-.35	52	51	+6	W	5	orq	*	o.r	0.0	53	45	0.15
	Valencia ...	30.04	53	NSW	7	og	29.86	-.24	53	52	+2	SW	8	oqm	7	oqm	0.0	53	51	0.02
	Roche's Point ..	29.98	53	W	5	bc	29.79	-.32	54	52	+6	NNW	6	bcq	4	o,bc	*	54	47	-
	Pembroke (St. Ann's Hd.)	29.95	52	NNW	7	0	29.72	-.35	53	51	+3	NNW	8	o	7	o	0.0	53	50	-
	Scilly	30.14	54	NSW	7	c	30.01	-.22	53	52	+2	NSW	8	o	6	cp,c	0.6	54	50	-
	Prawle Point ...	30.07	51	NSW	7	o	29.93	-.26	51	49	+2	NSW	8	ou	6	o	*	52	48	-
	Jersey (St. Aubin's)	30.19	51	W	5	cp	30.04	-.23	54	51	+3	W	7	cm	5	c.cp	*	54	50	0.02
	Hurst Castle ...	29.99	52	NSW	6	dp	29.80	-.35	53	50	+4	NSW	5	om	3	o,pd	*	53	48	-
	Dungeness ...	29.94	52	NSW	6	r	29.70	-.38	52	50	+8	NSW	8	oq	7	o.r	*	53	44	0.01
	North Foreland	29.91	48	SW	4	0	29.58	-.49	53	51	+11	W	6	cq	3	c,qu	*	53	40	-
	London (Brixton) ...	29.91	48	NSW	5	oqru	29.65	-.44	53	49	+11	W	8	cq	*	o,dq	0.0	53	42	0.07
	Oxford	29.85	51	SW	4	0	29.61	-.47	52	50	+10	WSW	6	bcq	*	c.o	*	52	42	0.01
	Cambridge ...	29.82	49	SW	5	0	29.48	-.55	53	51	+13	NSW	6	0	*	0	0.2	54	39	-
	Yarmouth ...	29.77	47	W	4	c	29.37	-.59	52	48	+12	W	6	cq	4	oq.c	*	52	39	-
GERMANY & HOLLAND.	Cuxhaven ...														*		*			
	Berlin	29.88	40	W	2	0	29.39	-.49	42	41	+3	NSW	5	r	*	0	*	?	34	0.28
	Wiesbaden ...	*	*	*	*	*	29.75	-.37	48	45	+9	SW	2	0	*	*	*	48	30	0.35
	Munich	30.25	37	SW	4	c	29.98	-.19	40	38	+2	SW	8	0	*	c	*	41	36	0.47
	The Helder ...	29.69	46	SW	6	r	29.32	-.58	48	46	+3	SW	8	0	4	r	*	48	43	0.16
BELGIUM.	Brussels ...	*	*	*	*	*	29.69	-.44	50	49	+11	SW	7	0	*	r	*	51	38	0.28
	Cape Gris Nez...	29.88	61	W	7	r	29.62	-.42	54	51	+6	W	8	0	8	r	*	54	46	0.12
	Paris	30.22	46	SW	3	0	30.03	-.23	49	46	+8	SW	4	0	*	0	*	52	41	-
	Brest	30.27	53	NSW	5	0	30.17	-.14	53	52	+2	NSW	5	c	2	0	*	54	49	-
	Lorient... ...	30.33	52	W	6	bc	30.22	-.12	54	52	+4	W	6	c	5	bc	*	55	46	-
FRANCE &	Rochefort ...	30.41	52	SW	3	c	30.36	.00	55	54	+5	W	6	0	*	0	*	57	48	-
	Belfort	30.30	39	ESE	2	m	30.17	-.09	42	41	+4	SW	6	m	*	m	*	42	32	0.04
	Lyons	30.40	42	S	1	0	30.38	-.04	40	38	+6	S	1	0	*	p,o	*	45	34	-
	Nice	30.18	46	E	0	b	30.16	-.09	44	41	+2	E	1	bc	2	b	*	54	39	-
	Perpignan ...	30.39	50	NW	3	b	30.39	+.03	53	45	+15	NW	5	bc	*	b	*	57	38	-
	Biarritz ...	30.43	54	W	4	0	30.43	+.07	52	50	+6	SSW	4	0	3	o.	*	57	46	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.38	55	NNE	5	b	30.43	+.11	49	45	-2	NE	5	b	*	b	*	59	46	-
	Azores (P. Delgada)	30.49	60	ENE	4	c	30.48	+.04	57	55	+1	ENE	3	bc	3	c	*	61	55	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne:- Sunshine yesterday 0.0.

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FOR Thursday, 5th December, 1895.

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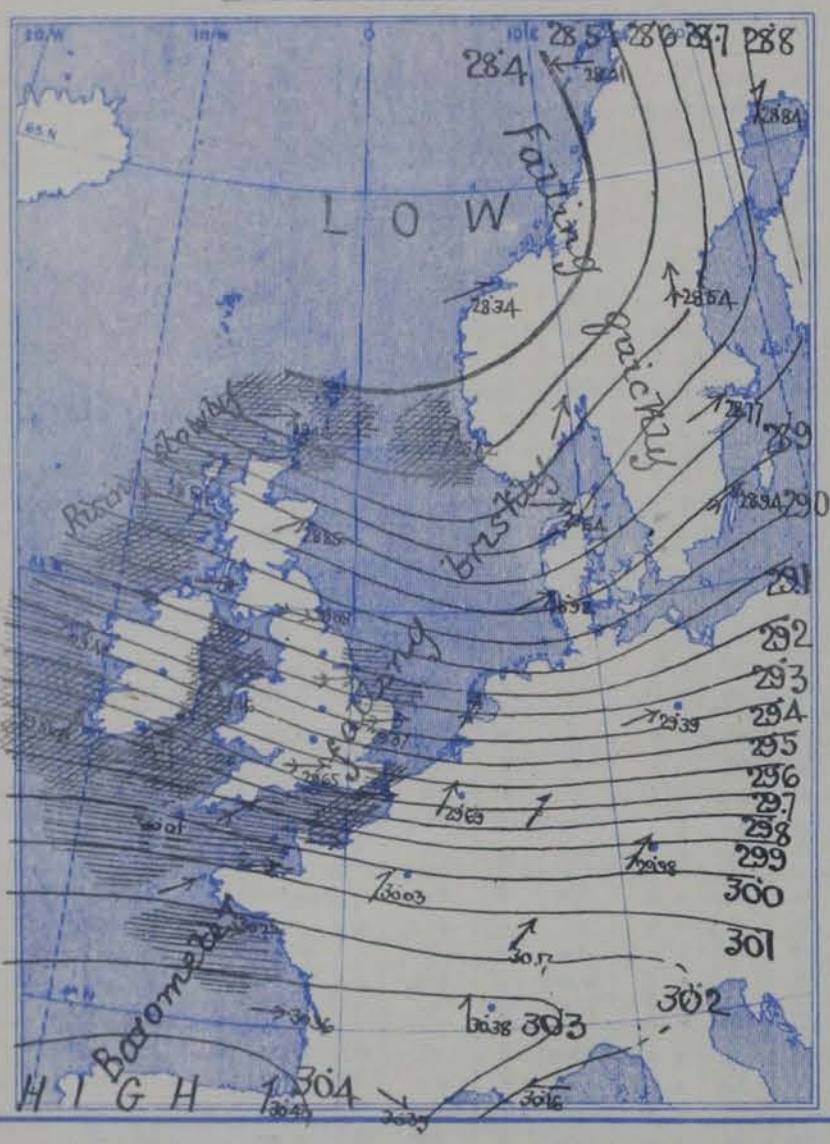
SEA—Rough ; *High*



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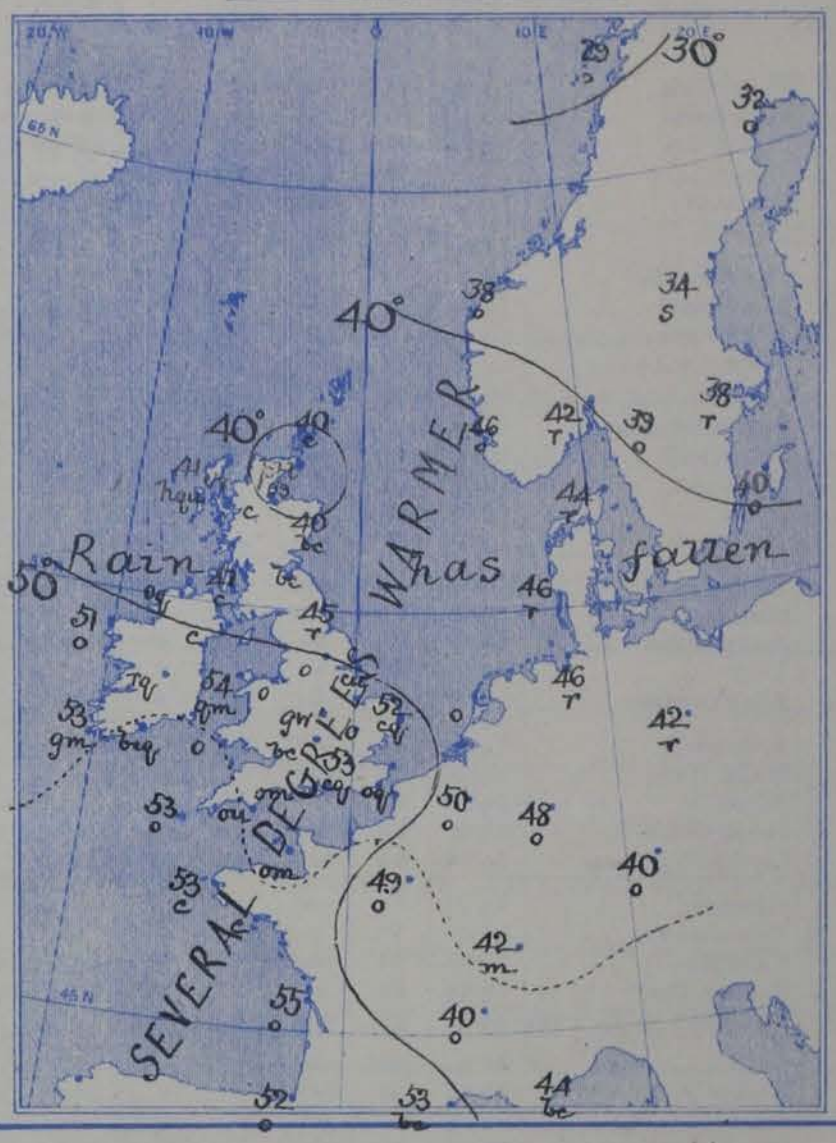
TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	5·82		
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59		
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·96	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95		
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02		
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76		
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	24
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78		
Dover	29·953	39·8	38·6	44·3	35·9	3·10		
LONDON	29·954	37·8	36·7	44·0	33·9	2·46	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·46	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·8	1·88	29·3	12
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·65		

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 in: and upwards, in the south of France.
Lowest, 28·4 in and less, in a large and deep depression, the central portion of which lies over and to the westward of the Norwegian coast.
Gradients very steep in all but the extreme southern parts of our area.
Barometer inclined to rise in the north of Scotland, but falling elsewhere, — quickly in Scandinavia and Denmark.

TEMPERATURE

Highest, 55° at Rochefort, 54° at Holyhead, Rochelle, Jersey, and Lorient, and ranging between 53° and 51° at the English and Irish stations generally.
Lowest, (1) 29° at Bodö, 32° at Haparanda, and 36° at Hernösand; (2) 38° at Wick; (3) 40° at Munich and Lyons.
Since yesterday morning a considerable rise has taken place over England, and a less decided rise over Ireland, Scotland, and the Continent.

WIND

Strong to a gale from the W. or SW. over Northwestern Europe generally, but S. in the northern parts of Sweden, and E. at Bodö.
Light and variable in the south of France.
During the past night the gale has been severe on some parts of our northern coasts.

WEATHER

Fine in the east of Scotland and also in the extreme south of France, but dull and unsettled in all other parts of our area.
Rain is falling at Shields and Parsonstown, as well as in Denmark, North Germany, and the south of Scandinavia; hail showers in the north of Scotland, with thunder and lightning at Wick, and snow at Hernösand.
Since yesterday morning heavy rain has fallen on our extreme north and northwest coasts, and slight amounts in many other parts of the Kingdom.

SEA

Very high at Malin H., and high or rough on nearly all other parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVAILING

The large depression in the north appears to be moving eastwards, but secondary disturbances are approaching our western coasts, and are likely to pass eastwards across the Kingdom. A continuance of rough unsettled weather is probable on all coasts, with showers in places.

FORECASTS

For the 24 hours ending at NOON on 6th DEC. 1895.

DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH	W. and NW. gales; squally, showery.
↑ 1 SCOTLAND EAST	
↑ 2 ENGLAND N.E.	Same as No. 5.
↑ 3 ENGLAND EAST	
4 MIDLAND COUNTIES	
↑ 5 ENGLAND SOUTH	W. strong gales; squally and showery at first, some improvement later.
↑ 6 SCOTLAND WEST	W. to NW. gales; squally and showery. Becoming colder
↑ 7 ENGLAND N.W.	
↑ 8 ENGLAND S.W.	
↑ 9 IRELAND NORTH	
↑ 10 IRELAND SOUTH	
WARNINGS	At 3·15 pm yesterday to districts 3, 5, and 8. "Hoist South Cone". The signals were re-hoisted yesterday on all our other coasts.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M.. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·33	42	41	WSW	6	c	5
Sumburgh Head	28·78	44	43	SW	5	c	6
Stornoway	29·10	49	49	WSW	6	ogq	6
Aberdeen	29·20	45	42	SW	5	ogrq	4
Shields	29·53	48	45	SW	4	op	2
Ardrossan	29·45	50	49	WSW	7	r	7
Malin Head ...	29·46	49	49	WSW	7	oa	4
Belmullet	29·72	51	49	WSW	8	o	*
Holyhead	29·81	49	47	SW	7	ogmr	6

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·03	55	50	WSW	8	ogm	7
Scilly	30·20	53	50	W	6	cp	5
Jersey	30·22	53	49	W	5	c	4
Hurst Castle ...	30·07	52	49	SW	5	o	3
Dungeness ...	29·99	50	48	W	5	o	4
North Foreland	30·00	49	47	SW	2	o	2
London (Westminster)	29·99	51	47	W	4	o	*
Yarmouth ...	29·87	46	43	WSW	4	og	2
Rochefort ...	30·41	54	52	WW	1	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled over all but the southern countries, with rain or passing showers at several of our more western stations, as well as in South Germany; snow reported in Finland and also at Brest. Fine on the southeast coasts of England, as well as over the south of Sweden, Spain, Italy, and the south of France. Heavy rain falling later in the extreme north and northwest of our Islands, and smaller quantities in most other parts of Western Europe.

Temperature fallen over England and the western parts of the Continent, but risen in most other localities — rapidly at some of the Baltic stations. Morning readings highest, 58° at Orau, 57° at San Fernando and Malta, and 55° at Algiers; slightly above 50° on our more extreme southeast coast. Lowest 10° at Kharkov, 15° at Archangel, 17° at Kiev, and 18° at St Petersburg, Odessa, and Nicolaieff; below the freezing point in Austria. Gradual rise taking place over our Islands during day; thermometer exceeding 50° in many parts of Ireland and England. Exceeding 55° over the southern parts of France, and reaching 59° at Lisbon.

Wind W³ or SW³ over our Islands and the northern and central parts of the Continent generally, but S³ over northern Russia. Strong in force on many parts of our more western coasts. Variable in the south of France; N³ or NW³ in Italy; NE³ or E³ over the Spanish Peninsula. Subsequently increasing to a gale over nearly the whole of northwestern Europe; gale severe on the Scotch coasts.

Barometer highest 30·4 in: and upwards over Central France and also over the northwestern and central parts of Spain; 30·2 in: and upwards over all the more southern parts of Europe. Lowest 28·0 in: and less in a depression off the northwest of Norway. New depression of considerable size and depth advancing later from the westward to our extreme northern coasts; gradients becoming steep over the whole of our Islands and the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 6th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...														*		*			
	Hernösand ...														*		*			
	Stockholm ...	28·15	37	Sw	6	0	28·19	-·58	34	31	-4	Sw	8	6	*	0	*	41	32	0·32
	Wisby	28·40	41	nnw	9	6	28·38	-·56	37	34	-3	nnw	10	6	*	6	*	43	36	0·08
	Karlstad ...	28·25	36	nnw	6	6	28·26	-·41	31	27	-8	nsw	6	6	*	r.6	*	*	*	0·24
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...																*			
	Færder (Christiania Fjord)	28·35	39	w	7	6	28·31	-·28	35	32	-7	w	7	bc	6	6	*	42	35	0·12
	Skagen (The Scaw)	28·49	40	nw	8	c	28·43	-·21	37	33	-7	nnw	6	0	2	c	*	45	34	0·20
	Fanö	28·86	39	nnw	8	6	28·80	-·12	36	34	-10	nnw	8	c	*	rhstl	*	46	34	0·28
BRITISH ISLANDS.	Sumburgh Head	28·49	34	nnw	6	bcsp	28·53	+·07	36	33	-4	nnw	8	ohp	7	shqp	*	41	32	0·07
	Stornoway ...	28·91	39	nnw	8	0	28·99	+·15	34	33	-7	Wnw	6	sq	8	hsq.tl	0·0	47	29	0·7
	Wick	28·72	35	nw	10	s	28·77	+·08	32	31	-6	n	8	ou	6	hp.ttr	*	40	30	0·60
	Nairn	28·92	34	nw	4	s	28·92	+·10	30	28	-11	nw	2	bc	3	sp	*	42	28	0·24
	Aberdeen ...	28·94	36	nsw	7	qrspl	28·93	+·08	31	30	-9	w	8	cq	5	bc.rspl	4·0	42	30	0·13
	Leith	29·12	39	nnw	6	r	29·07	+·08	34	33	-14	w	5	0	*	qrhsp	*	49	33	0·12
	Shields	29·19	40	w	6	6	29·14	+·06	36	35	-9	w	5	c	2	bc.qp	*	47	35	0·06
	Spurn Head ...	29·31	45	w	6	cq	29·22	+·04	43	41	-8	w	5	cq	4	cqp	*	51	41	0·01
	York	29·35	45	nw	6	6	29·23	·00	40	38	-12	nw	4	c	*	6	*	53	39	0·07
	Loughborough ...	29·47	48	w	6	0	29·36	-·12	41	39	-13	nnw	3	bcu	*	oqp.cq	*	54	41	0·27
	Ardrossan ...	29·18	44	w	7	bchpq	29·13	+·03	39	37	-8	nnw	6	c	5	chql	*	47	36	0·17
	Malin Head ...	29·23	43	w	8	bhq	29·20	+·03	39	37	-7	nnw	8	chql	7	o.hq	*	47	36	0·17
	Belmullet ...	29·56	45	nsw	8	oqp	29·52	+·04	40	37	-11	nw	9	bcqp	*	o.qp	*	51	43	0·20
	Donaghadee ...	29·38	42	nw	8	6	29·31	+·02	38	37	-13	w	7	cq	5	6	*	51	38	0·05
	Liverpool (Bidston)	29·43	50	w	9	o	29·31	-·04	43	40	-10	w	8	o	6	op	*	54	41	0·35
	Holyhead ...	29·51	49	w	8	cqp	29·40	-·06	42	41	-12	w	8	cqp	7	oqp	*	54	41	0·08
	Parsonstown ...	29·63	49	nw	5	o	29·60	-·01	41	38	-11	w	3	bcq	*	o.bc	0·0	53	40	0·03
	Valencia ...	29·83	52	nsw	6	og	29·75	-·11	46	42	-7	w	8	cq	7	om.oq	0·0	54	45	0·11
	Roche's Point ..	29·78	53	nnw	5	c	29·64	-·15	48	45	-6	nw	5	bc	4	cq	*	56	47	0·04
	Pembroke (St. Ann's Hd.)	29·68	52	nnw	7	o	29·55	-·17	49	49	-4	nw	7	rq	7	o	0·0	53	48	0·06
	Scilly	29·93	54	nsw	8	m	29·71	-·30	54	54	+1	nsw	9	m	7	m	0·0	55	52	0·06
	Prawle Point ...	29·80	52	w	8	o	29·58	-·35	52	51	+1	nnw	8	rq	7	o.rq	*	52	44	0·08
	Jersey (St. Aubin's)	29·95	53	w	7	odm	29·68	-·36	55	?53	+1	nsw	9	odm	7	odm	*	55	53	0·07
	Hurst Castle ...	29·71	54	nsw	4	opd	29·54	-·26	50	49	-3	w	4	rm	3	ou.pd	*	54	49	0·29
	Dungeness ...	29·57	52	nsw	9	o	29·43	-·27	49	48	-3	nsw	6	c	5	c.q	*	53	49	0·02
	North Foreland	29·53	54	w	7	oq	29·40	-·18	49	49	-4	w	4	o	3	c.oq	*	56	49	0·03
	London (Brixton) ...	29·57	55	nsw	7	oq	29·43	-·22	48	45	-5	w	4	od	*	oq.cq	0·0	56	47	0·02
	Oxford	29·59	52	nsw	5	c	29·45	-·16	47	44	-5	w	2	ou	*	oqp	*	54	45	0·04
	Cambridge ...	29·48	53	w	6	6	29·37	-·11	46	44	-7	w	2	o	*	oq.6	0·2	58	45	-
	Yarmouth ...	29·38	50	nnw	8	cq	29·31	-·06	43	40	-9	nnw	5	cq	4	cqp.cq	*	55	41	0·06
GERMANY & HOLLAND.	Cuxhaven ...	29·08	41	w	7	r	29·01		41	40		w	7	bc	*	r	*	48	39	0·12
	Berlin	29·14	47	w	6	c	29·10	-·29	38	36	-4	w	5	c	*	c	*	50	37	0·32
	Wiesbaden ...	*	*	*	*	*	29·46	-·29	46	45	-2	nw	4	r	*	*	*	52	45	0·35
	Munich... ..	29·79	50	Sw	8	o	29·57	-·41	48	44	+8	Sw	9	r	*	o	*	52	39	0·04
	The Helder ...	29·29	48	nnw	9	6	29·19	-·13	45	41	-3	nnw	9	c	5	6	*	52	43	0·08
BELGIUM.	Brussels ...	*	*	*	*	*	29·45	-·24	46	46	-4	nsw	5	r	*	r	*	53	46	0·28
	Cape Gris Nez...	29·54	53	w	8	o	29·45	-·17	51	50	-3	nnw	7	o	7	o	*	54	48	-
	Paris	29·94	52	sw	4	o	29·74	-·29	54	51	+5	nsw	5	o	*	o	*	54	49	-
	Brest	30·11	52	w	5	f	29·91	-·26	54	53	+1	nsw	6	f	7	f	*	55	52	-
	Lorient... ...	30·14	55	w	6	o	29·96	-·26	54	52	0	w	7	o	7	o	*	55	48	-
FRANCE &	Rochefort ...	30·27	55	w	1	o	30·15	-·21	56	54	+1	nnw	5	o	*	o	*	57	52	-
	Belfort	30·00	48	s	8	c	29·77	-·40	46	46	+4	ssw	8	r	*	c	*	49	42	0·12
	Lyons	30·24	46	s	2	6	30·09	-·29	46	42	+6	Sw	2	c	*	6	*	52	40	-
	Nice	30·10	48	sw	0	o	29·90	-·26	42	40	-2	e	4	c	2	o	*	57	41	-
	Perpignan ...	30·29	53	nw	3	bc	30·20	-·19	47	43	-6	sw	2	o	*	bc	*	60	45	-
	Biarritz ...	30·36	55	nsw	4	6	30·25	-·18	54	50	+2	nsw	5	c	5	6	*	59	52	-
PENINSULA.	Corunna ...																*			
	Lisbon	30·39	55	ne	4	6	30·38	-·05	48	46	-1	ne	3	6	*	6	*	59	48	-
	Azores (P. Delgada)	30·49	57	ene	4	6	30·46	-·02	55	53	-2	ne	3	c	2	6	*	63	54	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

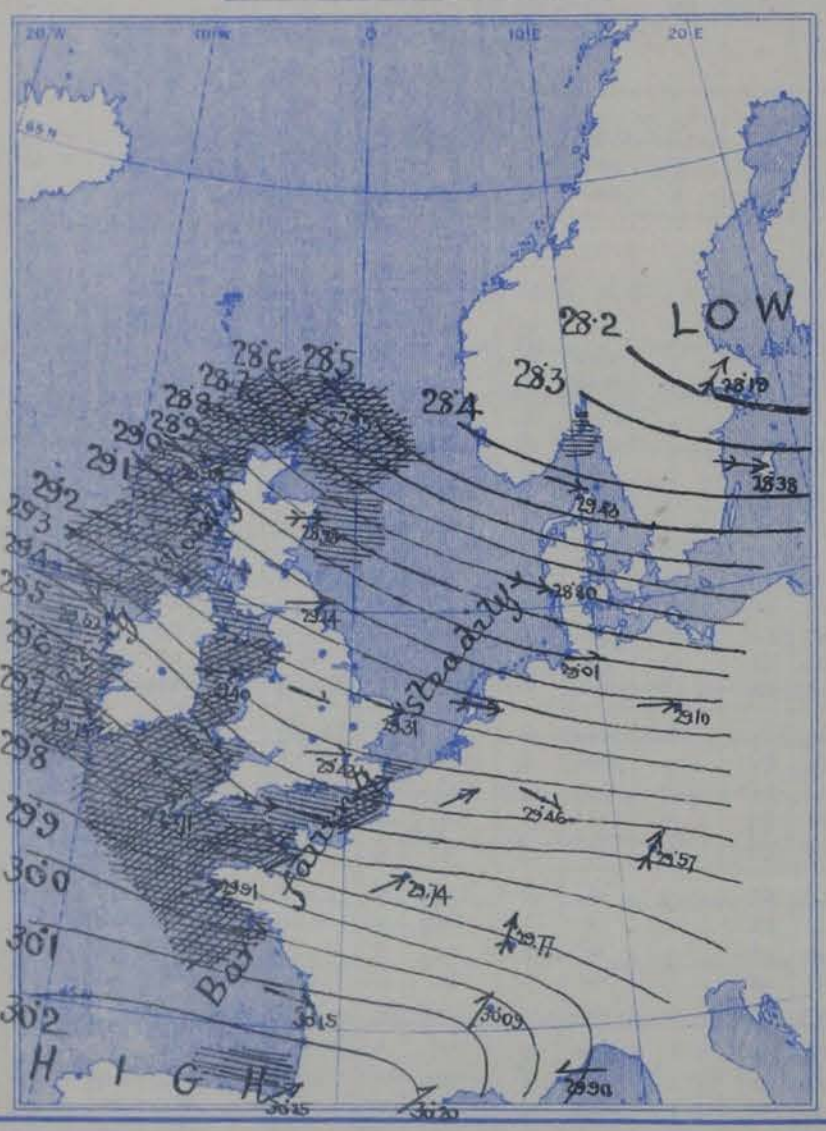
Eastbourne :- Sunshine yesterday 0·0

WEATHER CHARTS

FOR Friday, 6th December, 1895.

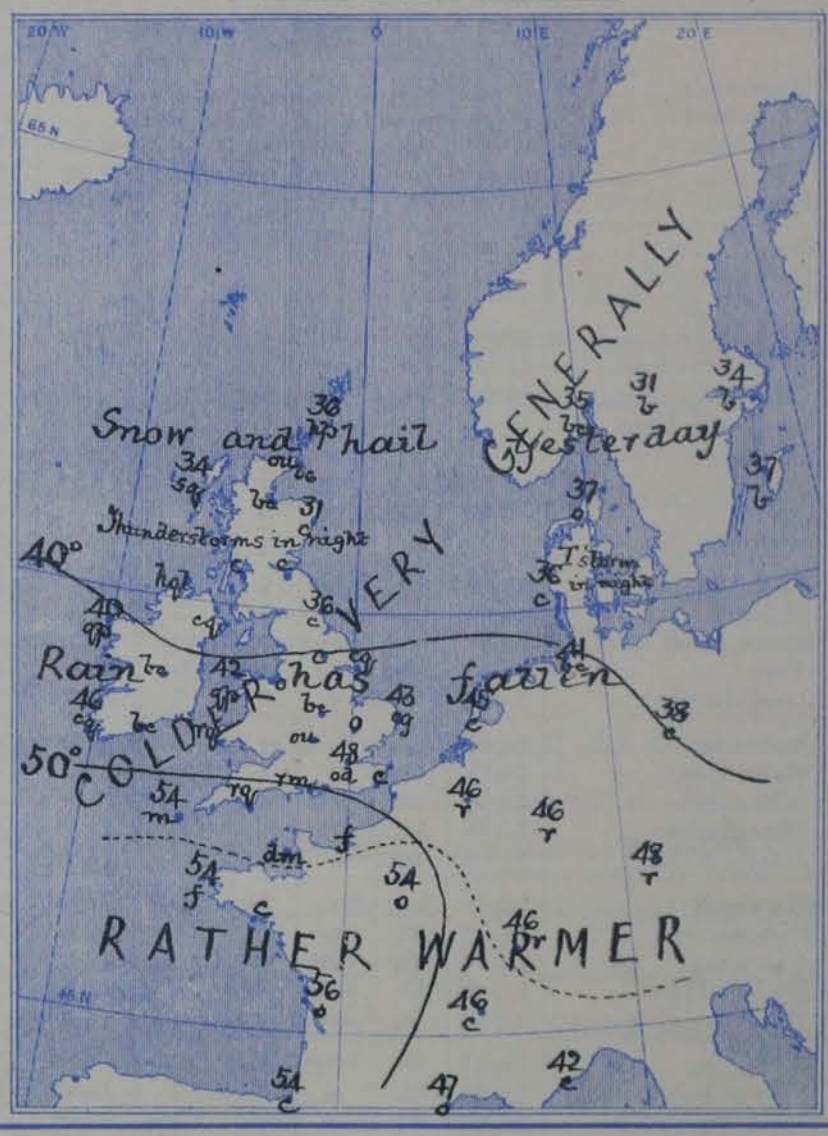
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
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Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·897	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins. and upwards, in an anticyclone lying over the Spanish Peninsula.
Lowest, 28·2 ins. and less, in a large depression lying over Sweden.
Gradients moderate over England, but steep in all other parts of Western Europe.
Barometer rising a little on some parts of our western and northern coasts, but falling in most other localities.

TEMPERATURE

Highest, 56° at Rochefort, 55° at Jersey, 54° at Scilly, Paris, Brest, Lorient, and Biarritz, and 52° at Hawks Bill.
Lowest, (1) 30° at Nairn, 31° at Aberdeen, 32° at Wick, and 34° at Stornoway and Leith; (2) 31° at Karlstad and 34° at Stockholm.
Since yesterday morning a considable fall of temperature has occurred at all but our extreme southern and the French stations.

WIND

W. or NW., with a gale on all our western and northern coasts, as well as on the eastern and southern shores of the North Sea. On our own east and southeast coasts the gale has subsided.
Strong to a gale from SW. over South Germany and the east of France; Variable in the south of France.

WEATHER

Dull and rainy in the south of England; showery on our western and northern coasts, with hail or snow in the northern parts of Ireland and Scotland; fair at present on our east coasts.
Cloudy and unsettled at most of the Continental stations, with rain over Belgium, the east of France, and eastern and southern Germany. Fine in the south of Scandinavia.
Rain fell yesterday over Northwestern Europe generally, the amounts being slight as a rule, but rather heavy in places.
Thunder and lightning occurred in the west and north of Scotland, and also at Fano.

SEA

Very high at Stornoway, and high on our southwestern, western and extreme northern coasts generally, rather rough in many other localities.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scandinavia is travelling eastwards but small secondary disturbances are evidently passing southeastwards across our Islands. The gale in the west seems likely to moderate gradually, but the weather will probably continue unsettled and showery with a further fall of temperature over England.

FORECASTS

For the 24 hours ending at NOON on 7th DEC. 1895.

DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH	NW. gales and strong winds; squally, some snow showers.
↑ 1 SCOTLAND EAST	
↑ 2 ENGLAND N.E.	Same as No 5
↑ 3 ENGLAND EAST	
4 MIDLAND COUNTIES	
↑ 5 ENGLAND SOUTH	W. to NW. winds, strong in places; squally, showery, colder.
↑ 6 SCOTLAND WEST	NW. gales, moderating gradually. squally, some cold showers.
↑ 7 ENGLAND N.W.	
↑ 8 ENGLAND S.W.	
↑ 9 IRELAND NORTH	
↑ 10 IRELAND SOUTH	
WARNINGS	The SOUTH CONE is still flying on all coasts.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·62	42	38	NNW	8	c	5	Valencia	29·82	52	50	SW	7	o m	7
Sumburgh Head	28·42	34	34	W	9	shrq	8	Scilly	29·96	54	53	NSW	8	m	6
Stornoway	28·89	47	43	WNW	8	c	8	Jersey	29·99	55	52	W	8	o	6
Aberdeen	28·91	40	36	NSW	9	bcqu	5	Hurst Castle ...	29·86	54	52	NSW	5	ou	4
Shields	29·17	47	43	W	7	bc	2	Dungeness ...	29·58	52	51	NSW	8	c	7
Ardrossan	29·17	45	43	W	9	c	8	North Foreland	29·54	56	54	W	7	c	4
Malin Head ...	29·20	46	42	W	8	o	6	London (Westminster)	29·57	58	52	W	7	cq	*
Belmullet	29·53	49	45	W	8	o	*	Yarmouth ...	29·34	55	50	W	6	cq	4
Holyhead	29·49	51	47	W	8	ogm	7	Rochefort ...	30·32	56	54	SW	5	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the east of Scotland, but cloudy and unsettled in all other parts of our Islands, with rain at Shields and Parsonstown, hail showers in the north of Scotland, and thunder and lightning at Wick. Dull in all but the extreme southern parts of the Continent, with rain in Denmark, Germany, and the south of Scandinavia, and with snow at Hernosand and Moscow. Rain (or snow) falling during day in all parts of northwestern and northern Europe, but amounts mostly slight; thunder and lightning occurring in the north and west of Scotland and also at Tarnö.

Temperature seven generally. Morning readings highest (1) 60° at Malta and 59° at Algiers; (2) 55° at Rochefort, and 54° at Holyhead, Rochel.e, Jersey, and Lorient; ranging between 53° and 51° at the English and Irish stations generally. Lowest 13° at Hermanstadt, 17° at Moscow, 20° at Archangel, and 23° at Kharkov and Odessa; below the freezing point over Russia and the north of Scandinavia generally. Rising during day to 55° and upwards at several of our own southern and eastern stations, as well as in the west and south of France; reaching 58° at Cambridge, 59° at Biarritz, and 60° at Perpignan. Frost occurring in the north of Scotland at night.

Wind strong to a gale over nearly the whole of northwestern and northern Europe, from the W.ward in our Islands, from SW. over Germany, the Netherlands, and the south of Scandinavia, and from S. over Finland and the Gulf of Bothnia. Light from S. or SW. in Russia and Austria. N.ward or NW.ward in Italy and the extreme south of France, NE.ward on the Portuguese coasts. Subsequently veering to the W.ward over Denmark and the Netherlands; fresh to strong gale blowing over northwestern Europe all day.

Barometer highest 30·4 in. and upwards, in an anticyclone over the Spanish Peninsula and the extreme southwest of France. Lowest 28·4 in. and less, in a large depression lying over and to the westward of the Norwegian coasts; gradients steep over the more northern parts of Europe generally, but slight over Norway. Depression subsequently travelling eastwards, barometer rising a little over the north of our Islands, but falling in the south.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 7th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...														*		*		*	
	Hernösand ...														*		*			
	Stockholm ...														*		*			
	Wisby														*		*			
	Karlstad ...														*		*			
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...	28·25	39	W	10	c	28·43		39	37		NNW	10	c	7	c	*	39	32	*
	Færder (Christiania Fjord)	28·17	37	W	8	0	28·23	-·08	33	31	-2	N	3	b	5	0	*	37	32	-
	Skagen (The Scaw)	28·30	39	NW	8	bc	28·17	-·26	39	37	+2	NNW	5	c	2	bc	*	39	37	0·16
	Fanö	28·67	36	NNW	8	c	28·50	-·30	39	38	+3	W	8	c	*	c	*	41	36	0·16
BRITISH ISLANDS.	Sumburgh Head	28·51	33	N	4	c	29·06	+·53	35	35	-1	N	6	r	7	osp.c	*	38	32	0·15
	Stornoway ...	29·03	30	NNW	7	bq	29·44	+·45	34	34	0	N	5	8	6	o.bq	0·0	37	29	0·32
	Wick	28·75	35	NW	8	o	29·23	+·46	34	33	+2	N	8	ou	6	o	*	37	28	0·30
	Nairn	28·97	33	NNW	4	c	29·36	+·44	36	33	+6	NNW	2	r	3	c.s	*	38	28	0·08
	Aberdeen ...	28·93	31	W	8	bcqsp	29·24	+·31	35	33	+4	NW	8	cqrsp	6	cqrsp	2·7	36	29	0·23
	Leith	29·12	34	W	4	c	29·37	+·30	34	32	0	W	4	c	*	sp.c	*	39	31	0·02
	Shields	29·10	34	W	4	csp	29·26	+·12	35	32	-1	NW	4	bc	4	crsp	*	38	31	-
	Spurn Head ...	29·21	36	W	7	cqsp	29·33	+·11	39	37	-4	NNW	7	bq	6	qrsp	*	44	34	0·05
	York	29·23	35	NW	5	bsp	29·39	+·16	36	32	-4	W	2	b	*	sp	*	44	32	0·19
	Loughborough ...	29·40	37	NNW	7	b	29·52	+·16	33	32	-8	W	6	bq	*	qphrs	*	45	32	0·14
	Ardrossan ...	29·15	39	W	7	cqhl	29·38	+·25	37	37	-2	NW	6	o	7	cqh,rstl	*	42	34	0·18
	Malin Head ...	29·23	36	W	9	ohq	29·55	+·35	34	33	-5	NW	7	ohq	5	b.hql	*	39	34	0·15
	Belmullet ...	29·60	39	NNW	8	bcqsp	29·82	+·30	39	34	-1	NW	5	bc	*	bcqspl	*	42	34	0·28
	Donaghadee ...	29·36	35	NW	7	b	29·56	+·25	34	33	-4	NNW	7	c	5	qrsp.b	*	38	31	0·20
	Liverpool (Bidston)	29·33	39	W	9	c	29·52	+·21	38	35	-5	W	8	bc	7	qphr	*	43	35	0·09
	Holyhead ...	29·46	39	NNW	9	cqphr	29·64	+·24	39	36	-3	WNW	7	c	6	qphr.l	*	44	35	0·15
	Parsonstown ...	29·65	36	W	3	b	29·83	+·23	31	31	-10	W	1	csp	*	b.os	3·1	43	31	0·12
	Valencia ...	29·85	46	W	9	bcq	29·98	+·23	43	40	-3	NNW	6	cqp	7	cq	2·1	48	38	0·20
	Roche's Point ..	29·79	42	NW	6	r	29·93	+·29	40	38	-8	NNW	4	bcprs	4	pq.r	*	48	37	0·20
	Pembroke (St. Ann's Hd.)	29·63	40	NW	7	o	29·78	+·23	41	?40	-8	NW	7	c	7	c.oq	2·8	50	39	0·02
	Scilly	29·83	50	NW	9	cq	29·89	+·18	46	44	-8	NW	8	cqh	7	oq.l	0·0	54	42	0·15
	Prawle Point ...	29·76	41	NNW	7	c	29·88	+·25	41	36	-11	NW	6	c	5	cqr.qp	*	52	36	0·25
	Jersey (St. Aubin's)	29·79	50	NNW	7	bcl	29·86	+·18	45	40	-10	NW	7	cu	6	o.hrql	*	55	42	0·25
	Hurst Castle ...	29·62	42	NNW	5	bcqp	29·72	+·18	40	37	-10	NNW	4	bc	2	bcqpr.l	*	51	31	0·14
	Dungeness ...	29·50	43	W	6	c	29·57	+·14	37	34	-12	W	6	b	6	cq	*	49	34	0·06
	North Foreland	29·44	42	NNW	7	b	29·52	+·12	36	34	-13	WNW	6	b	5	bc.bql	*	49	34	-
	London (Brixton) ...	29·52	40	NNW	6	bcq	29·59	+·16	35	33	-13	WNW	5	b	*	qrh.bq	2·4	49	34	0·03
	Oxford	29·51	37	NNW	5	b	29·63	+·18	34	33	-13	W	3	b	*	qp.l.s	*	47	33	0·04
	Cambridge ...	29·43	37	NW	6	b	29·51	+·14	34	33	-12	W	5	b	*	cqspb	3·0	48	32	0·05
	Yarmouth ...	29·29	38	W	6	bcq	29·34	+·03	35	33	-8	WNW	6	bcq	4	bcq.s	*	43	32	0·06
GERMANY & HOLLAND.	Cuxhaven ...	28·89	41	W	7	s	28·84	-·17	40	39	-1	W	7	oqhl	*	s	*	44	34	0·04
	Berlin	28·97	38	W	4	b	28·98	-·12	33	32	-5	W	7	o	*	b	*	46	33	0·24
	Wiesbaden ...	*	*	*	*	*	29·39	-·07	37	33	-9	NW	4	b	*	*	*	55	36	0·87
	Munich... ..	29·44	40	SW	7	r	29·49	-·08	35	33	-13	W	7	s	*	r	*	50	32	0·55
	The Helder ...	29·11	41	NNW	9	b	29·10	-·09	40	37	-5	NNW	9	o	5	c.b	*	46	39	0·04
BELGIUM.	Brussels ...	*	*	*	*	*	29·46	+·01	37	34	-9	W	5	c	*	b	*	48	36	0·32
	Cape Gris Nez...	29·47	46	NNW	8	c	29·49	+·04	40	38	-11	NW	8	o	8	c	*	51	37	-
	Paris	29·69	49	NW	5	r	29·71	-·03	39	36	-15	WSW	5	b	*	r	*	55	38	0·32
	Brest	29·89	53	W	5	o	30·00	+·09	50	50	-4	W	5	f	7	o	*	57	45	0·04
	Lorient... ...	29·95	53	NW	6	bc	29·99	+·03	50	45	-4	NW	7	c	7	bc	*	55	45	-
FRANCE &	Rochefort ...	30·07	55	W	6	r	30·12	-·03	54	50	-2	NW	6	o	*	c.r	*	61	48	0·08
	Belfort	29·58	46	SW	5	r	29·68	-·09	37	35	-9	WSW	7	o	*	r	*	46	34	0·16
	Lyons	29·91	51	SSW	1	o	29·96	-·13	45	39	-1	W	3	o	*	o.p	*	62	42	-
	Nice	29·90	51	W	1	b	29·66	-·24	56	52	+4	SW	6	bc	5	b	*	61	42	-
	Perpignan ...	30·09	53	NW	2	bc	30·04	-·16	61	50	+14	NW	4	o	*	bc	*	61	47	-
	Biarritz ...	30·19	58	WSW	6	o	30·18	-·07	52	52	-2	NW	6	r	6	o	*	58	52	0·12
PENINSULA.	Corunna ...																*			
	Lisbon	30·31	53	NNW	4	b	30·27	-·11	51	49	+3	NNW	2	c	*	b	*	59	48	-
	Azores (P. Delgada)	30·48	56	ENE	4	o	30·42	-·04	55	51	0	ENE	3	o	2	o	*	61	54	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne :- Sunshine yesterday 1·5

WEATHER CHARTS

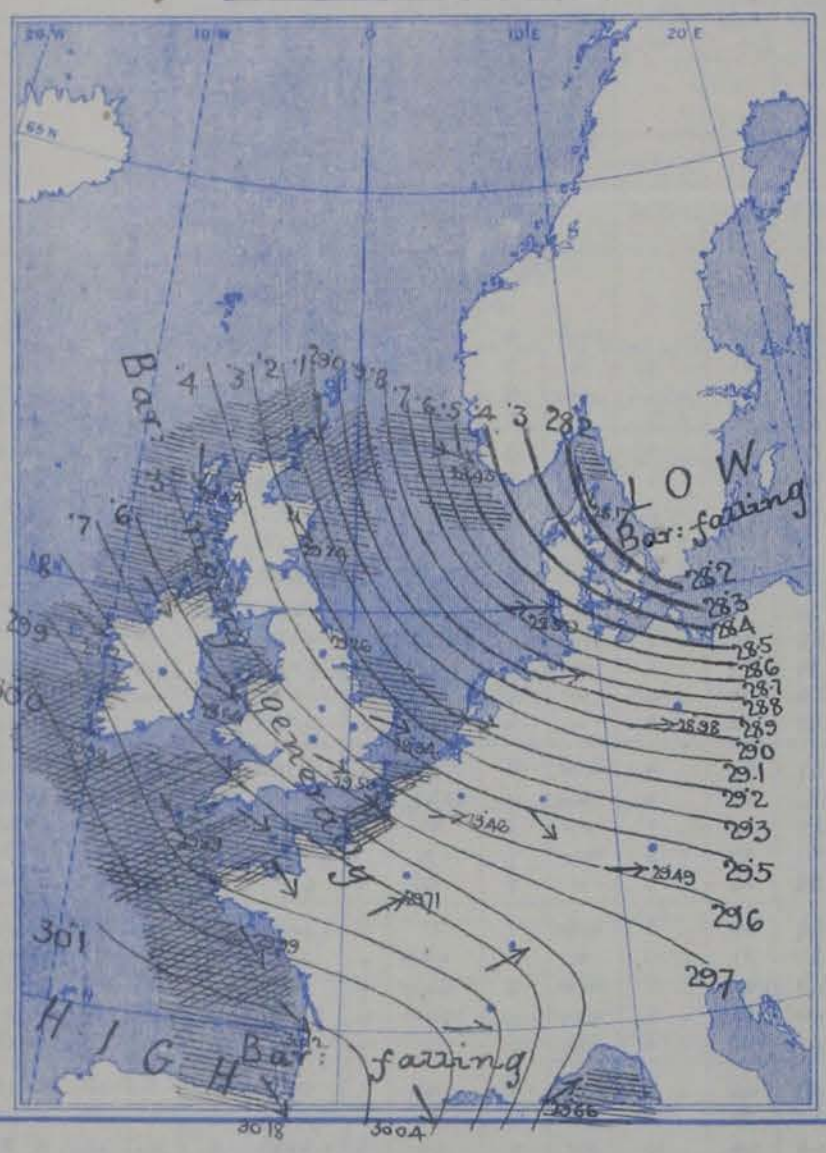
FOR Saturday, 7th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	16·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·983	43·1	41·4	47·3	39·3	3·82	57·1	24
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·3	42·8	31·8	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and upwards over the Bay of Biscay and the southwest of France.
Lowest, 28·2 in: and less, in a deep depression having its centre (apparently) over the south of Sweden.
Gradients steep over the North Sea, Germany, and the Netherlands, and rather steep over Western Europe generally.
Barometer rising generally, but falling in Denmark and also in the south of France.

TEMPERATURE

Highest, 61° at Perpignan, 56° at Nice, 54° at Rochefort, 52° at Biarritz, 50° at Brest and Lorient, and 46° at Scilly.
Lowest, (1) 31° at Parsonstown, 33° at Loughborough, and 34° at Stornoway, Wick, Leith, Donaghadee, Oxford, and Cambridge, (2) 33° at London and Berlin.
The maxima registered yesterday were below 40° at most of our northern stations. Frost occurred last night in many parts of the United Kingdom.

WIND

W^ly or NW^ly over Western Europe generally, but N^ly in the north of Scotland; strong to a gale in force in most places, but inclined to moderate on our western coasts.
A strong to whole gale from the NW^ly was experienced yesterday on all our western and northern coasts.

WEATHER

Fine over England, but cloudy and unsettled in all other parts of our area, with showers of rain, hail, or snow in Ireland and Scotland. Snow is reported also at Munich, and thunder and hail at Cuxhaven.
Since yesterday morning rain, hail or snow has fallen over Western Europe generally, — heavily at some of the German stations. Lightning was seen last night in the west and south of our Islands, and thunder occurred also at Ardrossan, as well as at the Helder.

SEA

Very high at Cape Fin Nay, and high or rough on all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression recently noticed in the north appears to be moving away in a southeasterly direction, and the wind on our coasts seems likely to moderate gradually. Cold weather is probable in all Districts, with snow or sleet showers in places.

FORECASTS

For the 24 hours ending at NOON on 8th Decr 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	N^ly and NW^ly gales, moderating later; unsettled, some snow showers.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No 5
5 ENGLAND SOUTH	NW^ly winds, strong, a gale on coast; squally, snow showers in places.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	NW^ly winds, strong to a gale at first, moderating later; squally, some snow or sleet showers.
WARNINGS	At 7·55 pm yesterday to districts 2, 3, and 5. "HOIST NORTH CONE".

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·39	38	35	NNW	9	c	8
Sumburgh Head	28·46	35	33	NNW	8	o²p	7
Stornoway	29·00	32	32	NW	5	o	7
Aberdeen	28·92	33	30	N	7	cgqp	5
Shields	29·11	37	35	NSW	5	bcp	2
Ardrossan	29·14	38	37	W	7	o	5
Malin Head ...	29·22	37	36	NW	9	b	7
Belmullet	29·57	41	37	NW	8	cqp	*
Holyhead	29·44	41	39	NNW	9	cghr	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·81	48	42	N	9	cq	7
Scilly	29·80	50	47	NNW	9	cq	6
Jersey	29·74	54	50	NNW	7	o	6
Hurst Castle ...	29·60	47	44	NNW	4	bcqp	3
Dungeness ...	29·44	48	45	NNW	6	c	5
North Foreland	29·39	46	44	NNW	6	bc	4
London (Westminster)	29·45	48	42	NNW	3	bc	*
Yarmouth ...	29·26	41	38	NNW	5	bc	4
Rochefort ...	30·09	56	54	W	6	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning very unsettled over our Islands and the Continent generally, with rain over the south of England, Belgium, Central France, and the southern parts of Germany; hail or sleet showers reported in the northern parts of Ireland and Scotland, and snow over the northern and central parts of Russia. Fine and bright in the south of Sweden and also over the Spanish Peninsula. Rain, hail or snow falling during day over Western Europe generally; lightning seen at night in the west and south of our Islands, with thunder at Ardrossan and also at the Helder.

Temperature fallen at all but the French, Italian, Austrian, and Russian stations – very decidedly in our Islands. Morning readings highest 61° at Malta, 59° at Algiers, 58° at Parma, and 57° at Lisbon and Cagliari; above 50° at the Adriatic and Mediterranean stations generally, and also over the Bay of Biscay and the English Channel. Lowest 20° at Archangel, 28° at Kuopio + Kharkov, and 29° at Uleaborg; below the freezing point at most of the Russian and Scandinavian stations, as well as in many parts of Scotland. Cold weather spreading southwards over our Islands later; frost occurring in many places at night. Thermometer rising during day to between 60° and 62° over the southern parts of France.

Wind strong to a gale from the W. or NW. over the greater part of Western and Central Europe, and from the SW. over Central Sweden and the Gulf of Finland; moderate to strong from the SE. over Northern Russia, light from the E. in the west of Norway. Variable in Austria, Italy, and the south of France; N. or NE. at the Spanish stations. Gale increasing later on all our western and northern coasts. No important change occurring elsewhere.

Barometer highest 30·50 in. at Madrid, 30·2 in. and upwards in an anticyclone lying over Algeria, the Spanish Peninsula, and the southwest of France. Lowest 28·2 in. and less, in a large depression having its central area over Scandinavia; gradients steep over nearly the whole of Europe. Depression subsequently moving southeastwards; small secondary disturbances travelling across our Islands; barometric changes over Western Europe very irregular.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 8th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	28.82	24	Z	0	c	29.07		20	19		N	2	c	*	0	*	28	?	—
	Hernösand ...	28.76	28	NNE	6	s	29.01	+ .69	24	23	— 8	W	2	0	*	s	*	34	27	—
	Stockholm ...	28.51	32	N	4	s	28.93	+ .71	28	27	— 5	NNW	6	0	*	s	*	34	27	—
	Wisby	28.39	37	N	6	0	28.90	+ .61	34	32	— 1	NNW	8	0	*	0	*	37	30	0.04
	Karlstad ...	28.69	29	NNW	7	0	29.10	+ .89	22	19	0	NNW	2	c	*	0	*	*	*	—
	Bodö	28.86	27	E	2	b	29.16	+ .57	23	21	— 8	E	2	b	1	b	*	32	23	—
	Christiansund ...	28.89	36	WSW	3	s	29.15	+ .61	35	34	0	SE	4	s	4	s	*	36	34	0.67
	Skudesnaes ...	29.04	36	NW	9	c	29.34	+ .91	36	34	— 3	NNW	8	c	5	r, c	*	41	32	—
	Færder (Christiania Fjord)	28.79	35	NNW	6	b	29.10	+ .87	37	35	+ 4	W	2	0	3	b	*	37	32	—
	Skagen (The Scaw)	28.83	36	NNE	6	bc	29.12	+ .95	38	35	— 1	NNW	4	0	1	bc	*	41	34	—
	Fanö	29.01	39	NW	8	r	29.35	+ .85	38	34	— 1	NW	8	b	*	r	*	43	37	0.08
BRITISH ISLANDS.	Sumburgh Head	29.39	31	NW	6	c	29.61	+ .35	35	35	0	NW	6	s	6	c	*	36	26	0.02
	Stornoway ...	29.75	35	N	6	sqw	29.94	+ .50	36	36	+ 2	NW	3	0	5	bc, sqw	1.0	36	28	0.02
	Wick	29.57	31	NW	7	ow	29.75	+ .52	34	33	0	NW	8	ow	6	ow	*	34	25	0.15
	Nairn	29.69	32	NNW	2	b	29.90	+ .54	33	33	— 3	NNW	2	0	3	b	*	36	28	—
	Aberdeen ...	29.60	30	NW	9	cq	29.87	+ .63	33	31	— 2	NW	6	cqw	5	sq, cq	3.1	35	28	0.14
	Leith	29.73	35	WNW	2	b	29.97	+ .60	33	31	— 1	W	3	c	*	b	*	39	29	—
	Shields	29.66	33	NW	3	b	29.95	+ .69	30	29	— 5	W	3	b	3	bc, b	*	38	27	—
	Spurn Head ...	29.63	38	WNW	6	b	29.92	+ .59	35	33	— 4	NW	6	bq	6	bq	*	39	33	—
	York	29.71	34	N	1	b	30.00	+ .61	30	29	— 6	NW	1	b	*	b	*	39	? 28	—
	Loughborough ...	29.76	35	WNW	3	b	30.05	+ .53	32	31	— 1	WNW	1	c	*	cq, sp, b	*	37	32	0.04
	Ardrossan ...	29.77	37	NW	3	b	29.99	+ .61	37	35	0	NW	2	0	1	bc, b	*	39	35	—
	Malin Head ...	29.86	36	NW	6	bhsq	30.02	+ .47	40	37	+ 6	WNW	3	ohp	3	o, bhsq	*	40	33	0.12
	Belmullet ...	30.03	37	NNW	5	bcsp	30.05	+ .23	40	39	+ 1	SSE	3	o	*	bcshpq	*	40	34	0.12
	Donaghadee ...	29.88	33	NW	7	cqs	30.07	+ .51	31	31	— 3	WSW	4	bc	3	cqs	*	35	29	0.25
	Liverpool (Bidston)	29.79	38	WNW	6	bc	30.05	+ .53	36	36	— 2	NW	2	r	3	hsp, bc	*	40	35	0.20
	Holyhead ...	29.87	41	NNW	8	bqh	30.09	+ .45	41	38	+ 2	W	5	c	4	chsp, bchq	*	44	35	0.04
	Parsonstown ...	30.02	33	W	1	b	30.13	+ .30	32	30	+ 1	Z	0	o	*	b	4.2	36	27	0.02
	Valencia ...	30.12	44	NW	5	cpq	30.11	+ .13	44	43	+ 1	SE	3	mw	4	chpq	2.8	46	39	0.12
	Roche's Point ..	? 30.06	40	WNW	3	b	30.15	+ .22	43	43	+ 3	SW	3	r	3	p, b	*	44	38	—
	Pembroke (St. Ann's Hd.)	29.96	42	NNW	6	bc	30.17	+ .39	42	40	+ 1	NNW	3	c	4	bc	4.6	46	40	0.09
	Scilly	30.02	47	NNW	7	c	30.19	+ .30	46	42	0	WNW	2	c	5	cq	1.1	48	41	0.03
	Prawle Point ...	29.97	38	NW	4	c	30.20	+ .37	35	32	— 6	NW	3	bc	2	pq, c	*	42	32	0.01
	Jersey (St. Aubin's)	29.99	43	NW	5	bc	30.19	+ .33	42	37	— 3	WNW	4	bc	3	cq, br, bc	*	48	40	0.06
	Hurst Castle ...	29.85	38	WNW	3	b	30.14	+ .42	35	30	— 5	WNW	2	bc	1	c, b	*	44	35	—
	Dungeness ...	29.69	36	WNW	4	b	30.02	+ .45	31	30	— 6	WNW	3	b	3	b	*	43	30	—
	North Foreland	29.68	38	NW	8	cq	29.99	+ .47	35	33	— 1	NW	6	b	5	cq	*	40	32	—
	London (Brixton) ...	29.76	38	NW	6	b	30.07	+ .48	32	30	— 3	WNW	2	bom	*	c, sq, b	4.2	41	31	—
	Oxford	29.87	39	WNW	2	b	30.16	+ .47	32	31	— 2	W	2	sp	*	b	*	40	30	0.01
	Cambridge ...	29.75	35	WNW	4	b	30.03	+ .52	32	31	— 2	NW	2	b	*	b	3.0	38	30	—
	Yarmouth ...	29.89	36	WNW	5	bc	29.89	+ .55	33	30	— 2	WNW	4	b	5	bc	*	39	30	0.02
GERMANY & HOLLAND.	Cuxhaven ...	29.14	40	NW	8	r	29.47	+ .63	38	37	— 2	NW	7	o	*	r	*	43	37	0.12
	Berlin	29.03	38	W	6	o	29.32	+ .34	35	33	+ 2	W	5	o	*		*	38	32	0.20
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich	29.59	32	W	6	o	29.74	+ .25	29	28	— 6	W	7	s	*	o	*	39	28	0.12
	The Helder ...	29.47	39	NW	9	r	29.72	+ .62	37	36	— 3	NW	9	s	5	r	*	43	36	0.35
BELGIUM.	Brussels ...	*	*	*	*	*	29.93	+ .47	33	32	— 3	WNW	2	bc	*	c	*	39	32	0.04
	Cape Gris Nez ...	29.68	39	NNW	8	o	29.93	+ .44	39	38	— 1	N	6	c	6	o	*	50	36	—
	Paris	29.83	37	NNW	2	c	30.08	+ .37	34	32	— 5	WNW	2	b	*	c	*	44	30	0.04
	Brest	30.05	48	NW	5	c	30.22	+ .22	47	43	— 3	NNW	3	o	3	c	*	57	41	0.12
	Lorient	30.04	47	NNW	5	c	30.24	+ .25	44	41	— 6	NNW	4	b	4	c	*	50	41	—
FRANCE &	Rochefort ...	30.07	49	NNW	6	r	30.25	+ .13	43	40	— 11	N	4	b	*	r	*	57	39	0.12
	Belfort	29.78	31	WSW	2	o	30.01	+ .33	30	30	— 7	WSW	1	o	*	o	*	47	29	—
	Lyons	29.99	32	SW	1	s	30.11	+ .15	33	31	— 12	N	3	s	*	s	*	47	31	0.20
	Nice	29.65	47	WNW	6	b	29.75	+ .09	40	?	— 16	WNW	6	b	4	b	*	57	39	—
	Perpignan ...	29.96	57	NW	6	b	30.12	+ .08	43	38	— 18	NW	4	bc	*	b	*	62	43	0.04
	Biarritz ...	30.13	57	WNW	7	r	30.21	+ .03	51	48	— 1	ENE	5	o	6	r	*	57	53	0.12
PENINSULA.	Corunna ...																*			
	Lisbon	30.25	53	NNE	3	b	30.24	— .03	50	48	— 1	N	1	bc	*	b	*	61	50	—
	Azores (P. Delgada)	30.41	55	NE	3	bc	30.34	— .05	54	53	— 1	NNE	3	c	2	bc	*	59	52	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

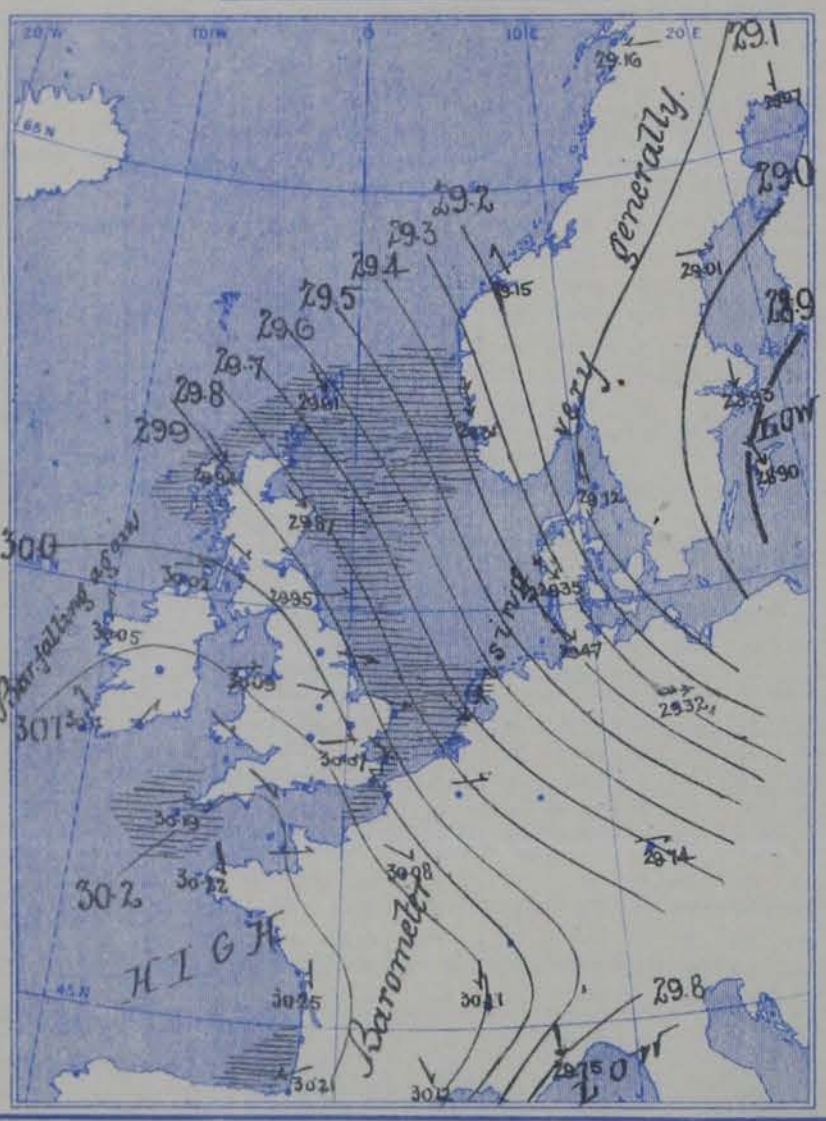
Eastbourne: Sunshine yesterday 6.3 hrs

WEATHER CHARTS

FOR SUNDAY, 8TH DEC.R 1895.

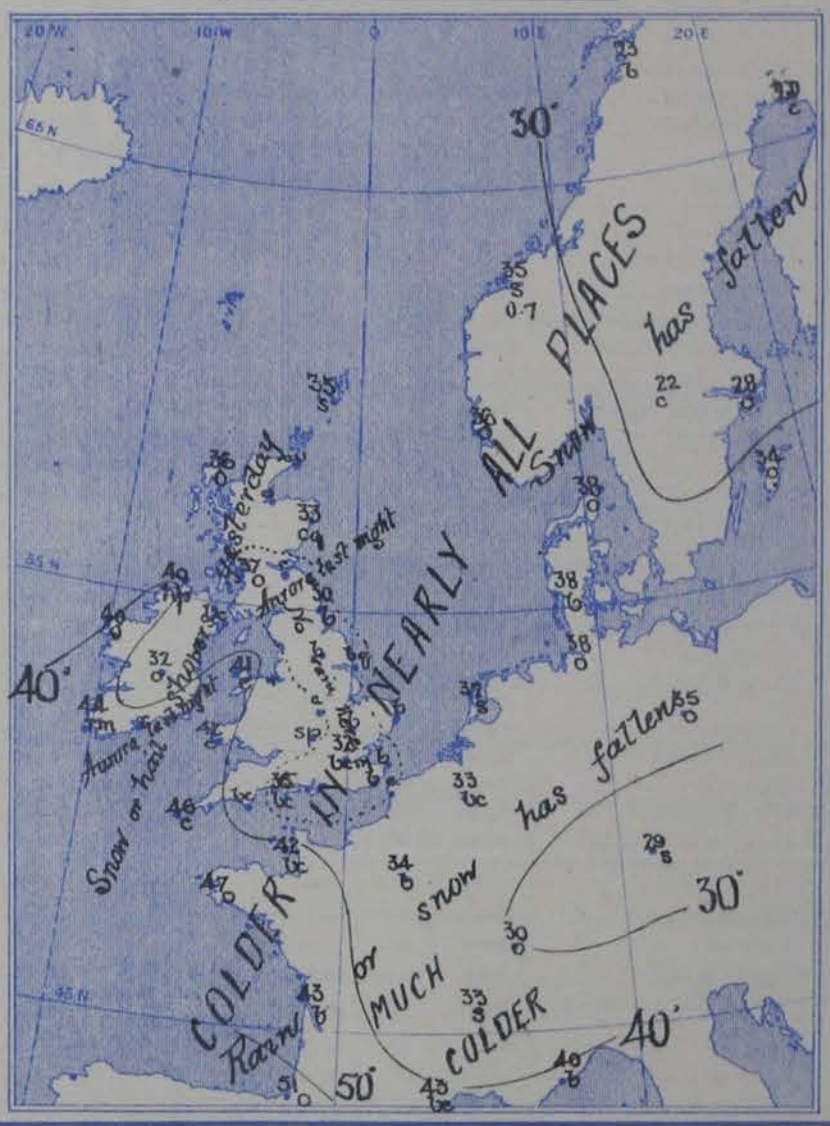
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
London	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards, in an anticyclone lying over the Spanish Peninsula, the Bay of Biscay, and the western parts of France and the English Channel.
Lowest, 28·9 ins: and less, in a depression over the Baltic.
Gradients moderate over the North Sea, Denmark, and Germany, but slight elsewhere.
Barometer rising generally, but beginning to fall again in the west of Ireland.

TEMPERATURE

Highest, 51° at Biarritz, 50° at Lisbon, 47° at Brest, 46° at Scilly, and 44° at Valencia (Ireland).
Lowest, (1) 22° at Karlstad, 23° at Bodö; and 26° at Haparanda; (2) 29° at Munich, and 30° at Belfort; (3) 30° at Shields and York.
Sharp frost was experienced last night over the greater part of the United Kingdom; at Loughborough the thermometer on the grass fell to 23° and in London to 25°.

WIND

NW over the greater part of Western Europe, with a gale in the north of Scotland and also on the eastern and southern shores of the North Sea.
Light from the SE in the west of Ireland. Variable over the northern parts of Scandinavia.

WEATHER

Fine in the east and south of our Islands, but cloudy in most other districts, with rain in the south of Ireland, and snow showers at Oxford.
Fine over the greater part of France and Holland, but dull in most of the other Continental countries, with snow at Christiansund, the Helder, Munich, and Lyons.
Lightning was seen last night at Jersey, and an aurora at Shields and Rochdale.

SEA

Rough or rather so on our northern and eastern coasts, as well as at Scilly and Biarritz, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 9th DECR 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		⚠ 7 ENGLAND N.W.	
2 ENGLAND N.E.		⚠ 8 ENGLAND S.W.	
3 ENGLAND EAST		⚠ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		⚠ 10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 9·30 am to districts 7 to 10 "HOIST SOUTH CONE"

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	28·76	40	37	NW	9	r	6
Sumburgh Head	29·28	30	28	N	6	c	6
Stornoway	29·64	36	36	N	6	bc	7
Aberdeen	29·48	34	31	NW	9	cq	6
Shields	29·52	36	33	NW	4	bc	4
Ardrossan	29·65	37	36	NW	5	bc	4
Malin Head ...	29·78	34	34	NNW	6	o	4
Belmullet	29·93	37	35	NNW	4	shpq	*
Holyhead	29·75	40	37	NW	8	cqhrp	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·05	44	40	NW	5	cqhp	6
Scilly	29·95	46	42	NW	7	cq	6
Jersey	29·90	45	40	WNW	6	o	5
Hurst Castle ...	29·77	43	39	NW	6	c	3
Dungeness ...	29·64	41	37	W	5	b	5
North Foreland	29·61	40	39	NW	8	bq	5
London (Westminster)	29·67	42	37	WNW	4	cq	*
Yarmouth ...	29·49	39	35	WNW	6	cq	5
Rochefort ...	30·06	53	50	NW	6	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over England, and also over the Spanish Peninsula. Cloudy and unsettled in most other countries, with showers of rain, hail or snow in Ireland and Scotland; rain falling also at Vienna and Kiew, and snow at Perth and Munich; thunder and hail reported at Cuxhaven. Showers of snow or sleet falling later over Western Europe generally; light seen at night at Jersey, and an Aurora at Shields and Rochefort.

Temperature fallen generally, but risen in the east of Scotland, the west of Norway and the south of France, as well as at many of the Russian stations. Morning readings highest 61° at Perpignan, and 60° at Palma and Algiers (Italian reports wanting); above 50° on the Portuguese coasts and also in the west of France. Lowest 22° at Karlstad, 28° at Ulearborg and Kuopio, and 29° at St Petersburg; slightly below the freezing point in most parts of Scandinavia and northern Russia, and also over Central Ireland. Daily maxima below 40° in most part of Great Britain, but thermometer exceeding 55° in the west and south of France, and reaching 62° at Perpignan.

Wind strong to a gale from the NW^ly over Western Europe generally, and from the W^ly in Germany; SW^ly over the central and southern parts of Russia; light from the SE^ly over Northern Russia; E^ly or NE^ly over the northern parts of Scandinavia. Light from the N^ly (NE to NW) over the Spanish Peninsula. Gale moderating later on over western coasts, but continuing to blow in the north of Scotland.

Barometer highest 30·3 ins. and upwards over the western and central parts of the Spanish Peninsula. Lowest 28·2 ins. and less, in a depression over the south of Sweden (gradients steep over the North Sea, Denmark, Germany, and the Baltic) 29·4 ins. and less, in a small disturbance over the northern parts of the Adriatic. Swedish depression subsequently moving eastwards; barometer rising quickly over Northern Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Monday, 9th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.20	23	N	2	0	29.32	+.25	16	16	-4	NW	2	b	*	0	*	27	16	—
	Hernösand ...	29.27	23	NW	4	c	29.47	+.46	12	11	-12	W	0	b	*	c	*	28	12	-
	Stockholm ...	29.26	25	NW	2	bc	29.51	+.58	20	19	-8	W	2	0	*	bc	*	32	20	—
	Wisby	29.27	32	N	6	0	29.53	+.63	29	28	-5	NNW	6	bc	*	0	*	34	27	-
	Karlstad ...	29.39	22	NNW	2	b	29.59	+.49	18	17	-4	NNW	2	b	*	b	*	*	*	-
	Bodö	29.35	21	E	2	b	29.36	+.20	24	21	+1	E	2	b	1	b	*	?	16	-
	Christiansund ...	29.47	35	W	2	b	29.44	+.29	37	35	+2	W	5	s	5	b	*	37	35	0.28
	Skudesnaes ...	29.50	38	NW	2	r	29.62	+.28	39	35	+3	WNW	2	0	3	rh	*	41	32	*
	Færder (Christiania Fjord)	29.40	35	NNW	1	b	29.57	+.47	35	32	-2	WNW	2	b	3	b	*	37	35	-
	Skagen (The Scaw)	29.43	39	NW	3	bc	29.62	+.50	35	34	-3	W	1	m	0	bc	*	41	30	-
	Fanö	29.60	41	NW	8	b	29.72	+.37	39	37	+1	NW	5	c	*	b	*	41	36	0.08
BRITISH ISLANDS.	Sumburgh Head	29.74	36	NW	5	c	29.28	-.33	37	36	+2	SSE	3	0	5	c	*	39	26	0.04
	Stornoway ...	29.89	36	WSW	1	ou	29.34	-.60	45	44	+9	WNW	4	bc	5	o,ou	0.0	46	33	0.18
	Wick	29.83	36	NW	6	0	29.27	-.48	41	40	+7	W	3	0	3	0	*	41	26	0.05
	Nairn	29.92	35	WNW	1	c	29.35	-.56	43	42	+10	WSW	3	0	2	c	*	43	30	0.07
	Aberdeen ...	29.95	32	W	2	bc	29.46	-.41	36	35	+3	SW	4	cqu	3	o,bc	0.2	37	32	-
	Leith	29.98	35	WSW	3	c	29.53	-.44	45	43	+12	WSW	4	om	*	c	*	45	32	-
	Shields	30.00	33	W	2	bcm	29.67	-.28	40	39	+10	SW	3	op	2	bcm	*	40	29	-
	Spurn Head ...	30.03	37	WNW	4	b	29.80	-.12	37	37	+2	WSW	4	o	4	b	*	37	33	-
	York	30.05	34	NW	1	b	29.79	-.21	38	37	+8	S	1	f	*	b	*	39	29	-
	Loughborough ...	30.10	34	W	1	0	29.90	-.15	40	39	+8	SW	3	o	*	bc.c.o	*	40	32	-
	Ardrossan ...	29.99	37	N	0	om	29.60	-.39	47	47	+10	SW	5	rm	5	om	*	47	35	0.01
	Malin Head ...	29.95	37	S	3	b	29.58	-.44	48	48	+8	SW	6	om	4	b.o	*	48	37	0.05
	Belmullet ...	29.97	48	SSW	3	0	29.77	-.28	50	49	+10	WSW	5	om	*	o.om	*	50	39	0.10
	Donaghadee ...	30.03	34	SW	3	c	29.74	-.33	44	44	+13	SW	4	o	2	c.r	*	44	30	0.13
	Liverpool (Bidston)	30.09	39	WSW	2	0	29.85	-.20	47	45	+11	WSW	3	o	3	c.hp	*	48	35	0.05
	Holyhead ...	30.05	42	SW	2	c	29.86	-.23	48	47	+7	SW	5	ogm	4	c	*	49	38	0.12
	Parsonstown ...	30.02	41	N	0	r	29.87	-.26	47	46	+15	W	2	od	*	o.d	0.0	48	31	0.06
	Valencia ...	30.10	51	W	3	gmr	29.98	-.13	49	48	+5	SW	4	gmr	4	o.gmr	0.1	52	43	0.62
	Roche's Point ..	30.08	47	W	3	c	29.99	-.16	50	49	+7	W	3	c	3	c	*	50	41	0.20
	Pembroke (St. Ann's Hd.)	30.08	45	SSW	3	0	29.97	-.20	50	49	+8	WNW	5	og	4	o	0.1	50	41	0.01
	Scilly	30.08	52	WNW	6	0	30.12	-.07	53	51	+7	W	5	o	4	o	0.0	53	46	0.11
	Prawle Point ...	30.15	44	WSW	2	0	30.06	-.14	50	48	+15	WSW	4	ou	3	o.rm	*	50	35	0.02
	Jersey (St. Aubin's)	30.19	46	WNW	3	c	30.11	-.08	52	51	+10	W	4	opm	3	o.g	*	52	41	0.11
	Hurst Castle ...	30.16	39	WNW	1	c	30.02	-.12	47	46	+12	W	2	cm	1	c	*	49	35	0.02
	Dungeness ...	30.12	35	W	3	bc	29.96	-.06	47	47	+16	SW	5	r	4	bc	*	47	30	0.01
	North Foreland	30.10	35	NW	3	b	29.96	-.03	42	42	+7	SW	2	rm	2	b.q	*	42	32	-
	London (Brixton) ...	30.13	36	WNW	2	om	29.98	-.09	43	42	+11	SW	1	ogmd	*	bc.c.op	0.0	43	30	0.01
	Oxford	30.14	35	WNW	1	c	29.97	-.13	39	39	+7	SW	4	fd	*	c	*	41	32	0.04
	Cambridge ...	30.12	35	WSW	1	b	29.94	-.09	36	36	+4	S	2	r	*	c.b	3.4	39	29	0.01
	Yarmouth ...	30.01	32	WNW	4	b	29.91	-.02	35	34	+2	SW	2	cgm	3	b	*	38	29	-
GERMANY & HOLLAND.	Cuxhaven ...	29.65	41	W	6	r	29.83	+.36	39	37	+1	WNW	3	c	*	r	*	41	37	0.04
	Berlin	29.62	34	W	5	bc	29.80	+.48	36	35	+1	W	5	0	*	bc	*	37	34	0.08
	Wiesbaden ...	*	*	*	*	*	30.16		39	32		W	2	bc	*	*	*	37	32	0.12
	Munich... ..	30.03	28	SW	5	0	30.23	+.49	25	23	-4	SW	6	b	*	0	*	32	25	0.04
	The Helder ...	29.93	41	NW	7	bc	29.96	+.24	40	37	+3	WSW	4	bc	3	bc	*	43	34	0.08
BELGIUM.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez...																*			
	Paris	30.21	36	W	1	c	30.20	+.12	33	32	-1	S	2	o	*	c	*	42	30	-
	Brest	30.15	53	SSW	3	f	30.17	-.05	54	53	+7	W	2	o	3	f	*	54	47	0.12
	Lorient... ...	30.20	48	ESE	4	r	30.18	-.06	53	52	+9	SSW	4	o	4	r	*	53	44	0.08
FRANCE &	Rochefort ...	30.32	47	NW	3	0	30.24	-.01	54	54	+11	NNW	4	o	*	o	*	54	43	0.24
	Belfort	30.18	28	W	2	b	30.30	+.29	29	29	-1	WSW	1	o	*	b	*	32	26	0.04
	Lyons ... ... †	?	39	NNW	2	b	?	?	30	29	-3	W	1	b	*	s.b	*	37	28	0.04
	Nice	29.94	39	NNE	4	b	30.17	+.42	34	26	-6	ENE	1	b	3	b	*	50	32	-
	Perpignan ...														*		*			
	Biarritz ...	30.30	47	E	2	0	30.27	+.06	48	44	-3	S	3	b	5	o	*	55	45	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.23	54	NNE	4	b	30.25	+.01	48	45	-2	NNE	4	b	*	b	*	61	46	-
	Azores (P. Delgada)	30.25	56	ENE	4	b	30.19	-.15	55	54	+1	ENE	3	bc	1	b	*	61	62	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

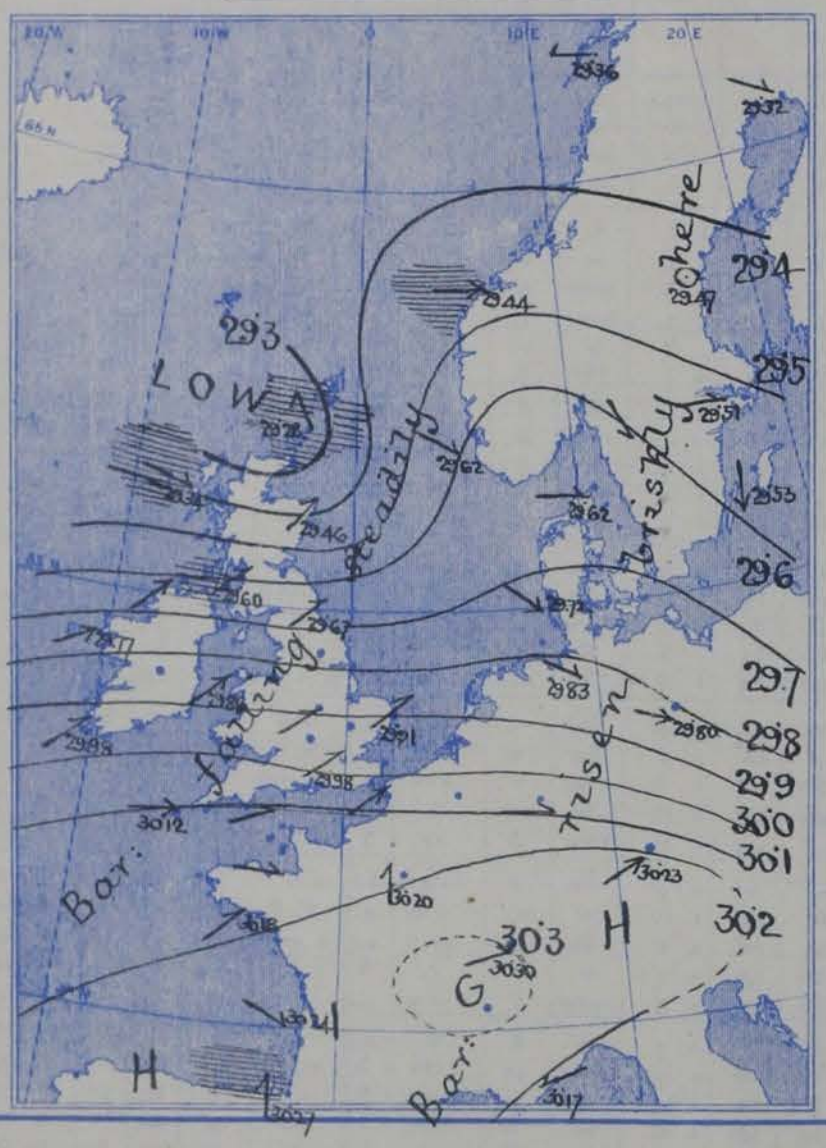
Eastbourne, - Sunshine yesterday 5·4 hrs.

WEATHER CHARTS

FOR Monday, 9th December, 1895.

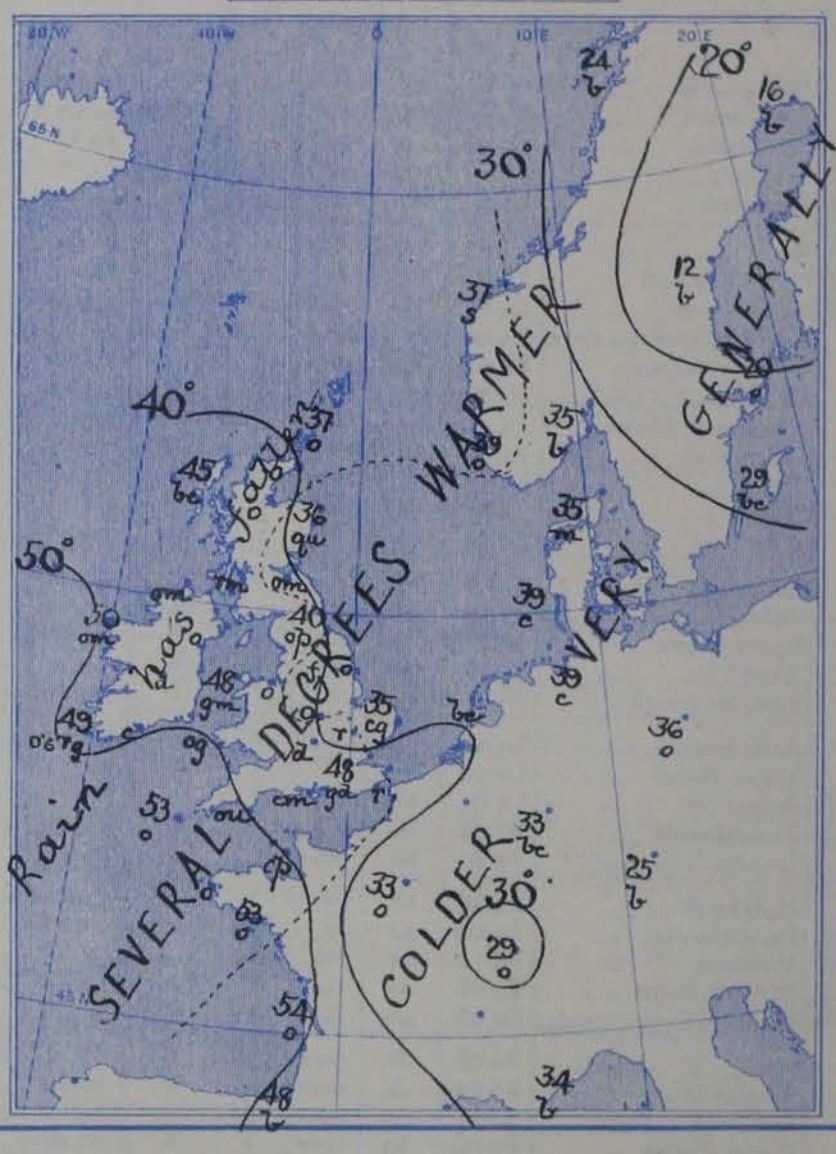
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24		—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82		
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76		
Jersey	29·983	43·1	41·4	47·3	39·3	3·82	37·1	24
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78		
Dover	29·953	39·8	38·6	44·3	35·9	3·00		7
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·3	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66		

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins. and upwards, in an anticyclone lying over the Spanish Peninsula, the Bay of Biscay, and the greater part of France.
Lowest, 29·3 ins. and less, in a depression lying off the north of Scotland.
Gradients moderate over our Islands and the North Sea, but slight elsewhere.
Barometer falling in most parts of the United Kingdom, but rising at the Continental stations.

TEMPERATURE

Highest, 54° at Brest and Rochefort, 53° at Scilly and Lorient, 52° at Jersey, and 50° at Belmullet, Rockabill, Pembroke, and Prawle Point.
Lowest, (1) 12° at Haparanda, 16° at Haparanda, 18° at Karlstad, and 20° at Stockholm; (2) 25° at Munich, and 29° at Belfort; (3) 35° at Yarmouth and 36° at Aberdeen.
Since yesterday morning a considerable rise of temperature has taken place over our Islands and also over the west of France.

WIND

Moderate to fresh from the SW. over the greater part of our Islands, but W. in the north of Scotland.
W. or NW. over Scandinavia, Denmark, and Germany.
Light and variable in the south of France.

WEATHER

Dull over the United Kingdom, with rain in many places.
Fine at many of the Continental stations, but dull in places, with snow at Christiansund.
Since yesterday morning rain has fallen in the western, southern, and extreme northern parts of our Islands, the amounts being mostly slight, but rather large at Valencia (Ireland).

SEA

Rather rough in the extreme north and also at Christiansund, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the north of Scotland will probably move eastwards, but other disturbances are apparently advancing towards our western coast, and increasing winds from SW. or W. are likely over the United Kingdom generally, with mild unsettled weather.

FORECASTS

For the 24 hours ending at NOON on 10TH DECR. 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	W. winds, freshening; changeable, some rain, milder.	6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SW. to W. winds, increasing in force; squally, some rain.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	WARNINGS	The SOUTH CONE is flying in districts 7 to 10.
5 ENGLAND SOUTH	SW. winds, freshening; cloudy, some rain, milder.		

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...							
Sumburgh Head							
Stornoway	29.94	35	34	W	2	0	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30.00	39	37	S	3	0	3
Belmullet	29.98	44	42	S	3	0	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30.22	49	41	WSW	3	0	3
Hurst Castle ...							
Dungeness ...	30.09	38	36	W	3	6	2
North Foreland	30.09	38	36	WSW	5	6	4
London (Westminster)							*
Yarmouth ...							
Rochefort ...							*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF THE CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 1st TO THE 7th DEC.

During the whole of last week the weather over Western Europe was influenced by large cyclonic disturbances the centres of which advanced from the Atlantic to the Scandinavian coasts.

Early in the week when a well-marked anticyclone lay over France, the depressions pursued a track lying far to the northward of our Islands and although slight rain fell even in the more southern parts of the Kingdom the worst weather was confined to our northern coasts, where gales from the SW° and W° were reported with heavy falls of rain. Temperature was high generally, especially between the 2nd and 5th when the thermometer exceeded 50° over England and Ireland generally, and exceeded 55° at some of our southern stations.

After the middle of the period, however, the anticyclone moved southwards, and during the last three days of the week the weather over the whole of western and northern Europe was affected by a depression of great size and intensity, the centre of which moved slowly from the northern parts of the Atlantic directly across Scandinavia. Strong W° or NW° gales now set in over our Islands and the neighbouring parts of the Continent, with heavy squalls of snow in the north, with rain or hail in the southern districts, and with thunder and lightning in many places. The shift of wind to the NW° which took place in the rear of the depression was accompanied by a decided fall of temperature, and at the close of the week the maximum readings of the thermometer were below 40° over nearly the whole of Great Britain, with sharp frost in many places at night.

On Saturday the large depression was moving southeastwards across the south of Sweden, and the barometer was rising generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 10th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ... †	29.46	3	Z	0	bc	29.47	+ .15	19	18	+ 3	Z	0	0	*	bc	*	32	0	—
	Hernösand ... †	29.51	6	Z	0	c	29.36	— .11	30	29	+ 18	S	2	0	*	c	*	30	0	—
	Stockholm ... †	29.56	19	Z	0	b	29.39	— .12	32	30	+ 12	SSE	4	3	*	b	*	32	16	—
	Wisby ... ... †	29.62	29	NNW	4	0	29.40	— .13	34	33	+ 5	SSE	4	0	*	0	*	34	25	—
	Karlstad ... †	29.46	33	SE	2	0	29.23	— .36	34	33	+ 16	NE	2	0	*	0.5	*	*	*	0.32
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...	29.25	45	S	4	c	29.04	— .58	44	43	+ 5	WSW	8	0	6	r, c	*	45	34	*
	Færder (Christiania Fjord)	29.41	37	SSW	4	0	29.19	— .35	37	36	+ 2	WSW	1	bc	3	0	*	37	35	0.08
	Skagen (The Scaw)	29.39	37	W	2	r	29.27	— .35	40	39	+ 5	WNW	2	bc	0	r	*	41	32	0.12
	Fanö	29.43	44	WSW	6	0	29.44	— .28	43	41	+ 4	W	6	c	*	0	*	45	39	0.28
	Sumburgh Head	28.94	45	W	6	c	29.25	— .03	43	40	+ 6	NW	8	0	8	c	*	46	37	0.30
	Stornoway ...	29.36	43	WNW	4	bq	29.60	+ .35	41	38	— 4	W	3	bc	3	bchg, b	0.1	46	38	0.10
	Wick	29.24	40	W	5	b	29.50	+ .23	40	39	— 1	NW	7	0	5	b, c	*	42	37	0.08
	Nairn	29.39	41	W	3	b	29.62	+ .27	39	37	— 4	W	2	0	2	or, b	*	46	37	0.04
	Aberdeen ...	29.42	40	SW	2	b	29.62	+ .16	39	37	+ 3	WNW	5	bcq	3	bc, b	2.0	44	36	0.01
BRITISH ISLANDS	Leith	29.52	42	WSW	1	b	29.70	+ .17	40	38	— 5	WSW	3	bmw	*	b	*	49	38	0.01
	Shields	29.59	44	WSW	2	b	29.72	+ .05	39	37	— 1	WSW	2	bmw	2	o, b	*	49	37	—
	Spurn Head ...	29.66	46	SW	3	o	29.77	— .03	41	39	+ 4	W	4	bw	3	o	*	46	37	—
	York	29.65	49	W	3	og	29.87	+ .02	39	37	+ 1	W	1	b	*	og	*	44	36	—
	Loughborough ...	29.75	48	WSW	5	o	29.88	— .02	40	38	0	W	2	o	*	opq, c	*	49	39	0.02
	Ardrossan ...	29.59	47	W	4	bcp	29.76	+ .16	44	40	— 3	W	3	bc	3	c, bcp	*	48	35	0.05
	Malin Head ...	29.66	46	W	7	bp	29.82	+ .24	45	41	— 3	NW	4	b	3	o, bp	*	48	43	0.05
	Belmullet ...	29.84	45	WNW	3	bc	29.92	+ .15	43	42	— 7	NNW	3	c	*	bc	*	50	42	0.10
	Donaghadee ...	29.73	44	NW	4	b	29.86	+ .12	36	36	— 8	SSW	3	b	1	b	*	48	36	0.01
	Liverpool (Bidston)	29.76	45	W	6	r	29.88	+ .03	42	41	— 5	W	5	b	4	bc, r	*	51	42	0.03
	Holyhead ...	29.79	47	W	4	bcp	29.90	+ .04	43	42	— 5	WNW	4	bc	3	gmd, bp	*	50	41	0.15
	Parsonstown ...	29.80	35	Z	0	b	29.96	+ .09	31	31	— 16	Z	0	b	*	b	0.0	49	31	0.04
	Valencia ...	29.94	48	NNW	2	om	29.98	.00	39	36	— 10	ENE	1	c	3	dm, om	0.0	52	35	0.07
	Roche's Point ..	29.90	51	W	4	o	29.99	.00	40	39	— 10	NNW	2	b	3	o	*	52	39	—
	Pembroke (St. Ann's Hd.)	29.89	50	WNW	5	o	29.96	— .01	44	42	— 6	NNW	2	bc	3	o	0.0	52	42	0.04
	Scilly	29.99	53	W	4	bc	29.96	— .16	49	47	— 4	N	1	o	4	o, bc	0.1	54	47	0.02
	Prawle Point ...	29.98	51	WSW	5	o	29.94	— .12	46	45	— 4	WNW	2	o	1	o, r	*	51	45	0.10
	Jersey (St. Anbin's)	30.08	52	W	4	op	29.97	— .14	51	49	— 1	W	4	op	3	op, og	*	54	49	0.09
	Hurst Castle ...	29.93	50	WSW	4	o	29.93	— .09	47	45	0	WNW	1	og	1	o	*	51	47	—
	Dungeness ...	29.87	49	WSW	5	c	29.85	— .11	46	45	— 1	WNW	2	o	2	c	*	49	45	0.03
	North Foreland	29.84	48	WSW	3	o	29.88	— .08	43	40	+ 1	WNW	2	b	2	o	*	48	42	0.02
	London (Brixton) ...	29.87	49	WSW	2	o	29.91	— .07	41	40	— 2	W	1	bmw	*	c, or	0.0	49	40	0.06
	Oxford	29.84	47	SW	3	c	29.92	— .05	40	38	+ 1	W	2	c	*	c	*	49	39	0.01
	Cambridge ...	29.81	47	SW	3	o	29.88	— .06	40	39	+ 4	WSW	3	b	*	o	0.0	49	35	0.03
	Yarmouth ...	29.75	44	WSW	3	c	29.80	— .11	39	37	+ 4	W	3	bc	2	cgm, c	*	45	34	0.01
GERMANY & HOLLAND	Cuxhaven ...	29.62	39	SW	5	r	29.58	— .25	42	41	+ 3	W	3	bc	*	r	*	43	39	0.12
	Berlin	29.84	35	SW	3	o	29.63	— .17	40	39	+ 4	SW	3	r	*	o	*	41	32	0.28
	Wiesbaden ...	*	*	*	*	*	29.87	— .29	44	42	+ 11	SW	2	o	*	*	*	48	32	0.04
	Munich	30.13	28	SW	3	o	30.00	— .23	40	38	+ 15	SW	6	o	*	o	*	40	25	—
	The Helder ...	29.69	44	WSW	5	o	29.70	— .26	43	41	+ 3	WNW	5	bc	3	o	*	45	39	—
BELGIUM	Brussels ...	*	*	*	*	*	29.95		45	45		SW	4	r	*	o	*	46	33	0.08
	Cape Gris Nez ...	29.87	50	W	5	o	29.85		48	47		N	2	r	3	o	*	52	45	0.08
	Paris	30.09	45	SW	2	r	30.01	— .19	47	46	+ 14	WSW	2	o	*	r	*	47	33	0.04
	Brest	30.10	54	W	3	f	29.98	— .19	52	50	— 2	W	2	c	2	f	*	55	50	—
	Lorient	30.13	52	W	3	c	30.03	— .15	52	50	— 1	W	4	c	4	c	*	55	48	—
FRANCE	Rochefort ...	30.22	53	WNW	4	r	30.14	— .10	51	51	— 3	S	3	o	*	bc, r	*	59	46	0.08
	Belfort	30.23	32	WSW	2	f	30.06	— .24	42	42	+ 13	WSW	3	b	*	f	*	?	29	0.20
	Lyons	30.30	37	S	1	r	30.19	?	36	33	+ 6	SE	1	c	*	r, m	*	43	30	—
	Nice	30.21	37	E	1	b	30.17	.00	35	30	+ 1	E	1	bc	2	b	*	46	34	—
	Perpignan ...	30.27	45	SW	2	b	30.17		36	35		SW	2	bc	*	b	*	51	35	—
	Biarritz ...	30.17	53	ENE	4	b	30.09	— .18	53	46	+ 5	S	3	o	2	b	*	63	48	—
PENINSULA	Corunna ...																*			
	Lisbon	30.20	55	E	3	bc	30.17	— .08	53	52	+ 5	E	3	o	*	bc	*	59	48	—
	Azores (P. Delgada)	30.20	58	NE	3	c	30.23	+ .04	56	55	+ 1	NNE	3	c	2	c	*	62	55	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine yesterday 0.0.

WEATHER CHARTS

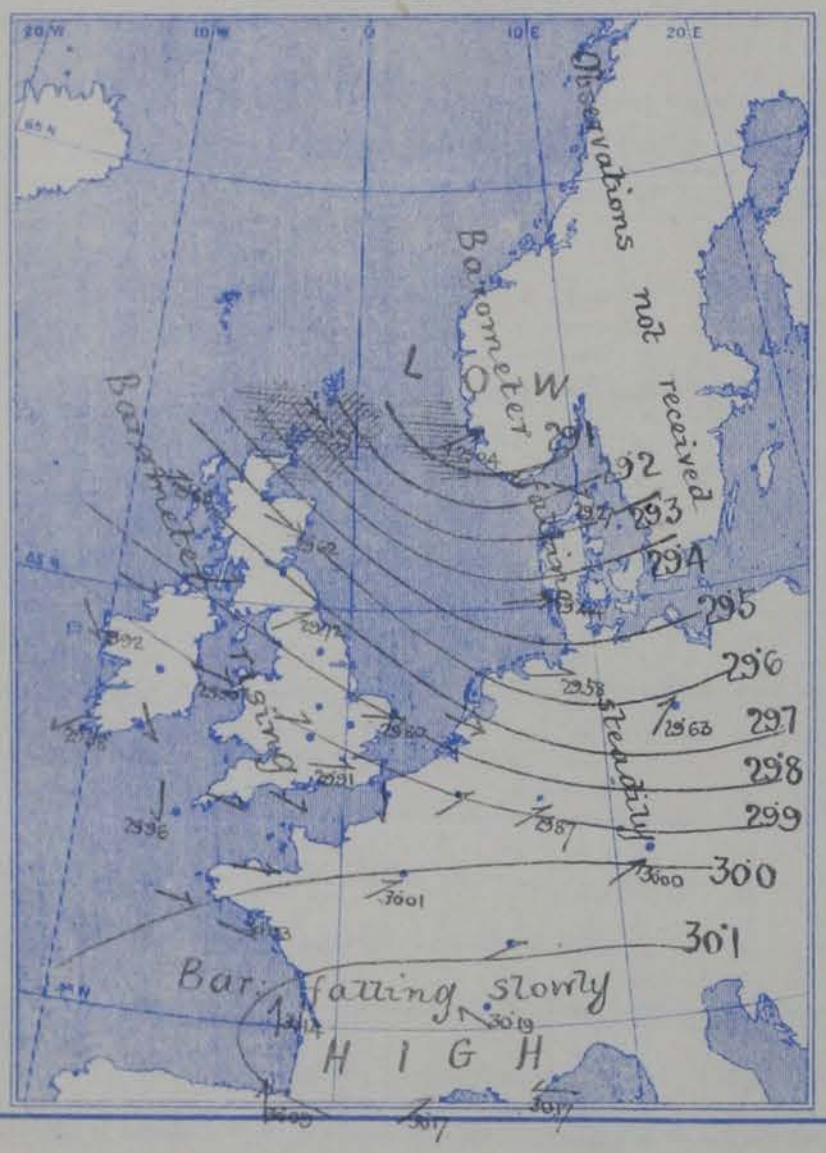
FOR Tuesday, 10th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

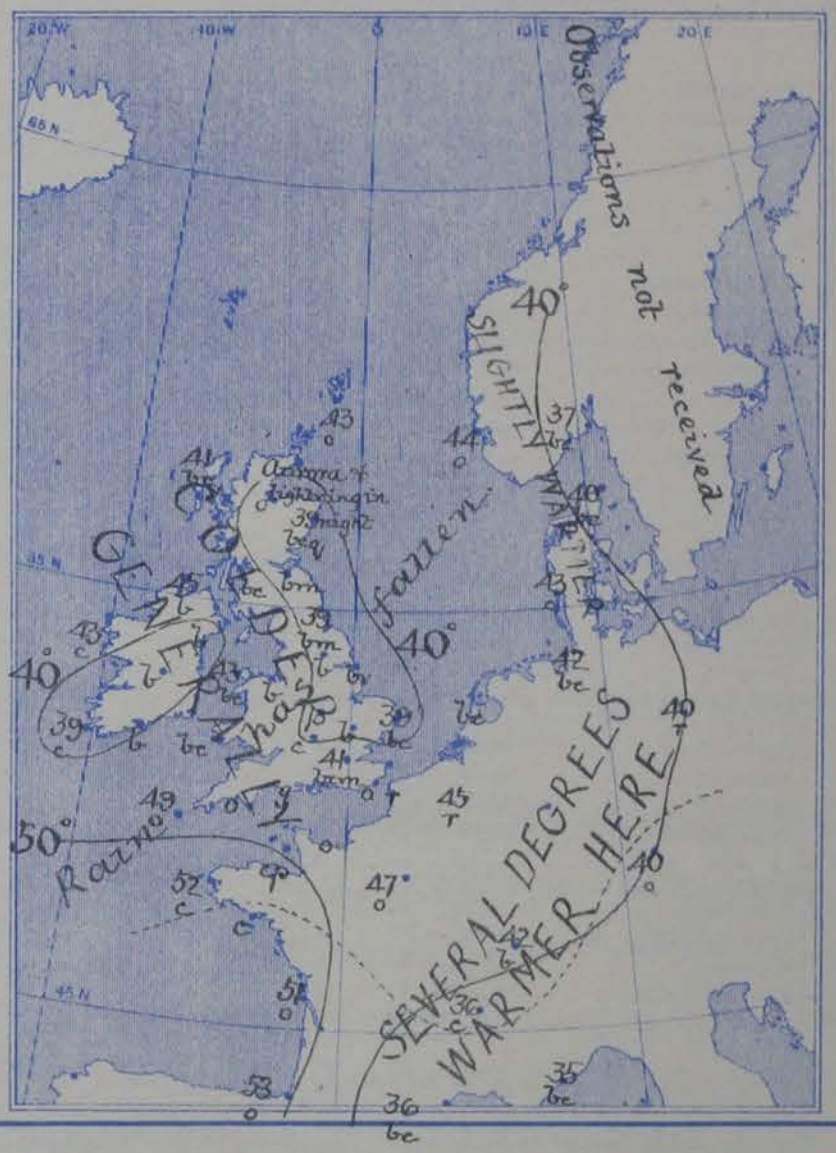
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·0	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·70	—	—
Jersey	29·983	43·1	41·4	47·3	39·3	3·82	57·1	24
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·3	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over the Spanish Peninsula and the S.ⁿ parts of France
Lowest 29.1 ins. and less in a well marked depression over the southwest of Norway.
Gradients slight generally, but rather steep over the northern parts of the North Sea.
Barometer rising in our Islands, — most in the north, but falling at the Continental stations.

TEMPERATURE

Highest 53° at Biarritz and Lisbon, 52° at Brest and Lorient, 51° at Jersey & Rochefort and 49° at Scilly.
Lowest (1) 31° at Parsonstown, and 36° at Donaghadee; (2) 35° at Nice, and 36° at Lyons and Perpignan. (3) 37° at Jacobs.
During yesterday the thermometer rose to 50° and upwards on several parts of our western and southern coasts and to 54° at Scilly and Jersey.

WIND

W.ly or NW.ly over our Islands, and the eastern shores of the North Sea, light or moderate in force generally, but strong to a gale in the north of Scotland and also in the south of Norway.
SW.ly in Germany, Belgium and the east of France; S.ly in the southwest of France, variable in the south of that country.

WEATHER

Fair or fine over the United Kingdom generally, but dull in the north of Scotland and also in the extreme south of England.
Fine over Denmark and Holland and also in the south of France; dull in Belgium, Germany and the west of France, with rain at Brussels and Berlin.
A little rain fell yesterday in most parts of our area; and a solar halo was seen at Jersey. Lightning was seen at Wick and bright Aurora at Nairn and Aberdeen.

SEA

Slight or smooth generally, but rough off the N. of Scotland and the southwest of Norway, and very high at Sumburgh Hd.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north is apparently moving eastwards, and the barometer is at present rising over our Islands generally. At Valencia (Ireland), however, the rise is very slight, and as the wind there has shifted to the E.ward it seems quite possible that a new depression is approaching from the SW.ward.

FORECASTS

For the 24 hours ending at NOON on 11TH DEC. 1895.

DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH	NW.ly winds, strong at first, but moderating later, fair generally.
▼ 1 SCOTLAND EAST	W.ly winds, light or moderate, fair generally, but local fogs.
2 ENGLAND N.E.	
3 ENGLAND EAST	W.ly to S.ly winds, light; fair at first, but afterwards becoming foggy.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
▼ 6 SCOTLAND WEST	Same as Nos. 0 and 1.
7 ENGLAND N.W.	
8 ENGLAND S.W.	Variable breezes finally SE.ly; fair at first then cloudy, with some rain.
9 IRELAND NORTH	Same as Nos. 1 and 2.
10 IRELAND SOUTH	E.ly winds, light or moderate; fair at first then cloudy, with some rain.
WARNINGS	The South Cone is still flying in districts 0, 6 and part of 1.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.41	37	36	S	6	r	4
Sumburgh Head	29.04	45	42	W	4	c	5
Stornoway	29.35	44	42	W	4	bc	4
Aberdeen	29.41	44	39	SW	2	bc	2
Shields	29.55	49	47	WSW	2	o	2
Ardrossan	29.58	47	45	W	4	c	4
Malin Head ...	29.62	46	43	W	7	o	4
Belmullet	29.80	47	44	WNW	3	bc	*
Holyhead	29.79	49	48	SW	6	ogdm	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.91	51	50	SW	5	omd	5
Scilly	30.04	53	52	WSW	5	o	4
Jersey	30.06	54	51	WSW	4	og	3
Hurst Castle ...	29.97	50	48	WSW	3	o	2
Dungeness ...	29.90	49	49	SW	4	c	3
North Foreland	29.88	48	46	WSW	3	o	2
London (Westminster)	29.88	51	48	WSW	3	ow	*
Yarmouth ...	29.79	42	40	SW	3	cgm	3
Rochefort ...	30.04	59	55	WNW	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull over the United Kingdom generally, with slight rain in many places. Fine and bright over southern Europe as well as at most of the Scandinavian and Baltic stations; cloudy in other parts of the Continent, with rain at Limoges and snow over the Gulf of Finland, as well as at Christiansund, Breslau and Odessa. Sky clearing later at many of our own northern stations, but weather remaining dull and unsettled in most other parts of western Europe, with rain in many places. Bright aurora seen in the north of Scotland at night and lightning at Wick.

Temperature rises briskly in our Islands but falls at most of the Continental stations. Morning readings highest (1) 58° at Algiers, and 52° at Palma; (2) 54° at Brest and Rochefort, and 53° at Scilly and Lorient (above 45° on our western and southern coasts generally). Lowest 12° at Hernösand, 16° at Haparanda, and 18° at Karlstad; below the freezing point over the greater parts of northern and eastern Europe, as well as in the southern parts of Germany and France, and as low as 34° even at Nice. Rising during day to 50° and upwards on most parts of our western and southern coasts, and to 55° and upwards in the west and extreme south of France; reading 63° at Biarritz.

Wind moderate to fresh from the SW^ly over our Islands and from the W^ly or NW^ly over the greater part of northern and central Europe, but E^ly in the northwest of Norway, S^ly at most of the French stations, but W^ly or NW^ly over southern Europe and the Mediterranean, with a gale at Brindisi and Tunis. Subsequently veering to the W^ly in our Islands and blowing strongly in the N. of Scotland; backing to the S^ly in the west of Norway.

Barometer highest 30.3 ins. and upwards in an area stretching northward from Belgium over the central parts of France. Lowest 29.2 ins. and less in a shallow depression over northwestern Russia; 29.3 ins. and less in another disturbance off the N. of Scotland, 29.4 ins. and less (apparently) over Asia Minor. Depression off our northern coasts subsequently spreading SE^wds, barometer beginning to rise again in the extreme W.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday 11th Dec: 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.56	?	Z	0	0	29.66	+.19	19	19	0	E	2	s	*	0	*	32	0	—
	Hernösand ...	29.40	34	S	4	S	29.62	+.26	29	28	-1	N	2	o	*	s	*	34	5	0.28
	Stockholm ...	29.32	35	S	2	r	29.56	+.17	34	33	+2	Z	0	f	*	r	*	36	18	0.12
	Wisby	29.38	35	SSE	4	o	29.59	+.19	36	35	+2	SW	2	o	*	o	*	36	23	0.12
	Karlstad ...	29.34	32	E	4	bc	29.66	+.43	31	30	-3	N	4	o	*	bc	*	*	*	—
	Bodö	29.42	24	ENE	2	b	29.60	+.35	22	19	-4	E	2	b	1	b	*	26	21	—
	Christiansund ...	29.46	37	NE	2	c	29.70	+.69	?43	34	+7	WSW	2	bc	4	c	*	43	34	0.08
	Skudesnaes ...	29.44	42	NW	10	bc	29.76	+.72	36	35	-8	Z	0	bc	3	r, bc	*	46	34	*
	Færder (Christiania Fjord)	29.29	37	N	4	r	29.69	+.50	34	32	-3	WNW	1	b	3	r	*	37	32	0.08
	Skagen (The Scaw)	29.14	40	W	1	c	29.71	+.44	38	35	-2	NNE	2	bc	0	c	*	43	37	0.12
	Fanö	29.50	44	WNW	8	c	29.82	+.38	41	39	-2	NW	6	c	*	c	*	45	41	0.08
BRITISH ISLANDS.	Sumburgh Head	29.64	40	N	3	bc	29.62	+.37	42	40	-1	SW	2	o	4	o, bc	*	43	34	0.01
	Stornoway ...	29.77	40	W	2	bcp	29.80	+.11	38	38	-3	W	1	b	1	b, bcp	1.7	44	36	0.06
	Wick	29.72	38	NW	4	o	29.65	+.15	40	39	0	SW	4	c	3	o	*	41	35	—
	Nairn	29.79	40	W	2	c	29.72	+.10	41	38	+2	WSW	1	b	1	c	*	43	30	—
	Aberdeen ...	29.81	37	WSW	2	b	29.79	+.17	35	34	-4	SW	2	bc	2	bq, b	4.8	40	35	—
	Leith	29.87	40	WSW	2	b	29.83	+.13	42	40	+2	WSW	3	bcm	*	b	*	45	35	—
	Shields	29.87	39	W	2	bm	29.89	+.17	36	36	-3	SW	1	cm	2	b, bm	*	45	33	—
	Spurn Head ...	29.91	40	WNW	4	b	29.97	+.20	35	34	-6	SW	2	bcm	3	b	*	44	34	—
	York	29.90	39	W	1	b	29.97	+.16	31	31	-8	SSW	1	f	*	b	*	47	29	—
	Loughborough ...	29.96	39	WNW	2	b	30.02	+.14	29	29	-11	ESE	1	f	*	b, bc, bm	*	45	28	—
	Ardrossan ...	29.85	45	W	2	bc	29.84	+.08	45	45	+1	SW	3	bc	2	c, bc	*	47	43	—
	Malin Head ...	29.85	40	S	3	o	29.86	+.04	44	42	-1	WSW	2	op	3	c, o	*	45	38	0.04
	Belmullet ...	29.87	44	SSW	3	bc	29.94	+.02	44	41	+1	W	3	bc	*	b, bc	*	46	36	0.17
	Donaghadee ...	29.93	37	WSW	3	b	29.90	+.04	37	37	+1	WSW	4	c	2	b	*	44	33	—
	Liverpool (Bidston)	29.96	40	W	2	b	29.97	+.09	36	35	-6	S	1	o	2	b	*	46	34	—
	Holyhead ...	29.95	41	W	1	b	29.94	+.04	46	45	+3	SW	2	dg	1	b	*	47	40	0.07
	Parsonstown ...	29.94	36	Z	0	b	29.97	+.01	37	36	+6	Z	0	f	*	b	5.4	42	30	0.04
	Valencia ...	29.92	47	SE	3	om	30.02	+.04	44	42	+5	Z	0	c	2	bc, om	4.4	50	36	0.08
	Roche's Point ..	29.97	48	SSW	2	c	29.98	-.01	44	43	+4	NW	3	c	3	c, rf	*	50	39	0.05
	Pembroke (St. Ann's Hd.)	29.98	46	SW	2	b	29.94	-.02	50	50	+6	SW	5	omd	4	b	4.9	50	43	0.02
	Scilly	29.96	48	SE	2	m	29.98	+.02	51	50	+2	WNW	5	c	4	o, m	0.0	51	47	0.10
	Prawle Point ...	30.02	41	NNW	1	b	30.02	+.08	47	46	+1	SE	3	c	2	c, b	*	47	40	—
	Jersey (St. Aubin's)	30.00	49	NNW	2	om	30.05	+.08	50	49	-1	SE	2	om	2	opm	*	54	45	0.11
	Hurst Castle ...	30.00	40	NNW	1	b	30.04	+.11	41	40	-6	NE	2	om	1	c, b	*	49	40	—
	Dungeness ...	29.95	39	WNW	2	o	30.05	+.20	27	27	-19	N	1	f	1	m, o	*	47	27	—
	North Foreland	29.97	38	WNW	2	b	30.08	+.20	36	35	-7	W	1	b	2	b	*	45	33	—
	London (Brixton) ...	30.00	36	WNW	2	bf	30.07	+.16	28	28	-13	Z	0	f	*	bc, bw	0.2	45	27	—
	Oxford	30.02	36	WNW	1	b	30.06	+.14	25	25	-15	SW	1	f	*	b, f	*	46	25	—
	Cambridge ...	29.97	37	WNW	1	b	30.07	+.19	26	26	-14	Z	0	bcm	*	b	5.0	46	25	—
	Yarmouth ...	29.92	38	WNW	2	b	30.02	+.22	32	31	-7	W	2	bm	2	b	*	44	30	—
GERMANY & HOLLAND.	Cuxhaven ...	29.89	41	WNW	4	o	29.91	+.33	41	40	-1	NW	3	c	*	o	*	45	39	—
	Berlin	29.68	39	W	4	b	29.78	+.15	40	38	0	W	6	o	*	b	*	45	39	0.08
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	29.96	43	W	5	bc	30.11	+.11	33	33	-7	W	4	o	*	bc	*	45	32	0.24
	The Helder ...	29.85	43	NW	5	b	30.01	+.31	42	39	-1	W	1	b	1	b	*	45	42	—
BELGIUM.	Brussels ...	*	*	*	*	*	30.13	+.28	31	31	-14	Z	0	f	*	b	*	46	31	0.04
	Cape Gris Nez...	29.94	42	N	2	c	30.03	+.18	38	37	-10	SW	1	m	1	c	*	48	36	—
	Paris	30.00	49	SW	2	o	30.10	+.09	41	41	-6	NE	1	o	*	o	*	61	41	—
	Brest	29.96	52	W	1	o	30.08	+.10	51	51	-1	W	2	?	2	o	*	54	50	0.04
	Lorient... ...	30.02	52	NW	3	c	30.08	+.05	47	46	-5	ESE	1	bc	3	c	*	55	41	—
FRANCE &	Rochefort ...	30.09	50	S	3	o	30.11	-.03	48	48	-3	ENE	1	f	*	o	*	59	46	—
	Belfort	30.06	44	W	3	o	30.13	+.07	42	42	0	Z	0	f	*	o	*	44	42	0.12
	Lyons	30.12	43	SSE	1	o	30.13	-.06	41	40	+5	ENE	1	m	*	o, p	*	47	36	—
	Nice	29.99	45	Z	0	c	29.99	-.18	45	41	+10	Z	0	o	3	c	*	52	35	—
	Perpignan ...														*		*			
	Biarritz ...	30.05	57	SW	2	o	30.06	-.03	54	50	+1	SSW	4	o	2	o	*	59	50	—
PENINSULA.	Corunna ...																*			
	Lisbon	30.15	56	NNE	3	o	30.25	+.08	56	53	+3	NNE	3	b	*	o	*	59	53	—
	Azores (P. Delgada)	30.34	57	NE	3	b	30.43	+.20	54	51	-2	SSE	3	b	2	b	*	61	54	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine yesterday 2.0 hrs

WEATHER CHARTS

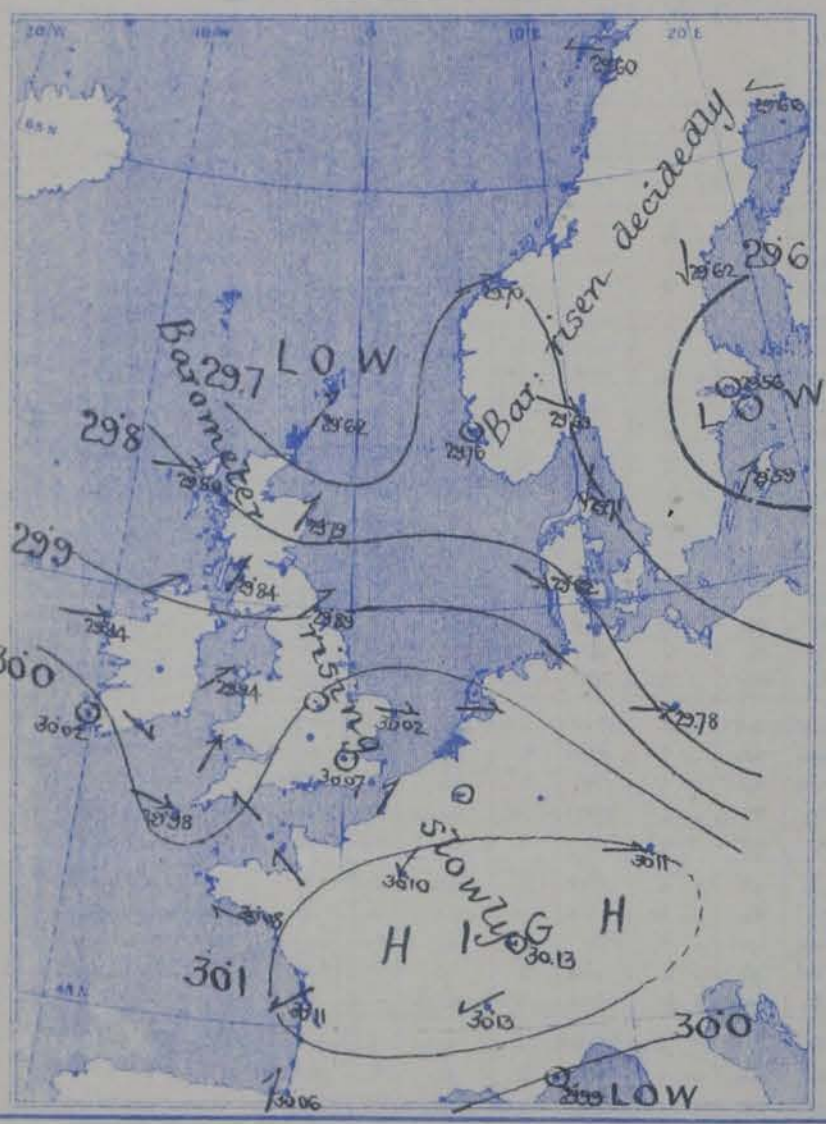
FOR Wednesday, 11th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

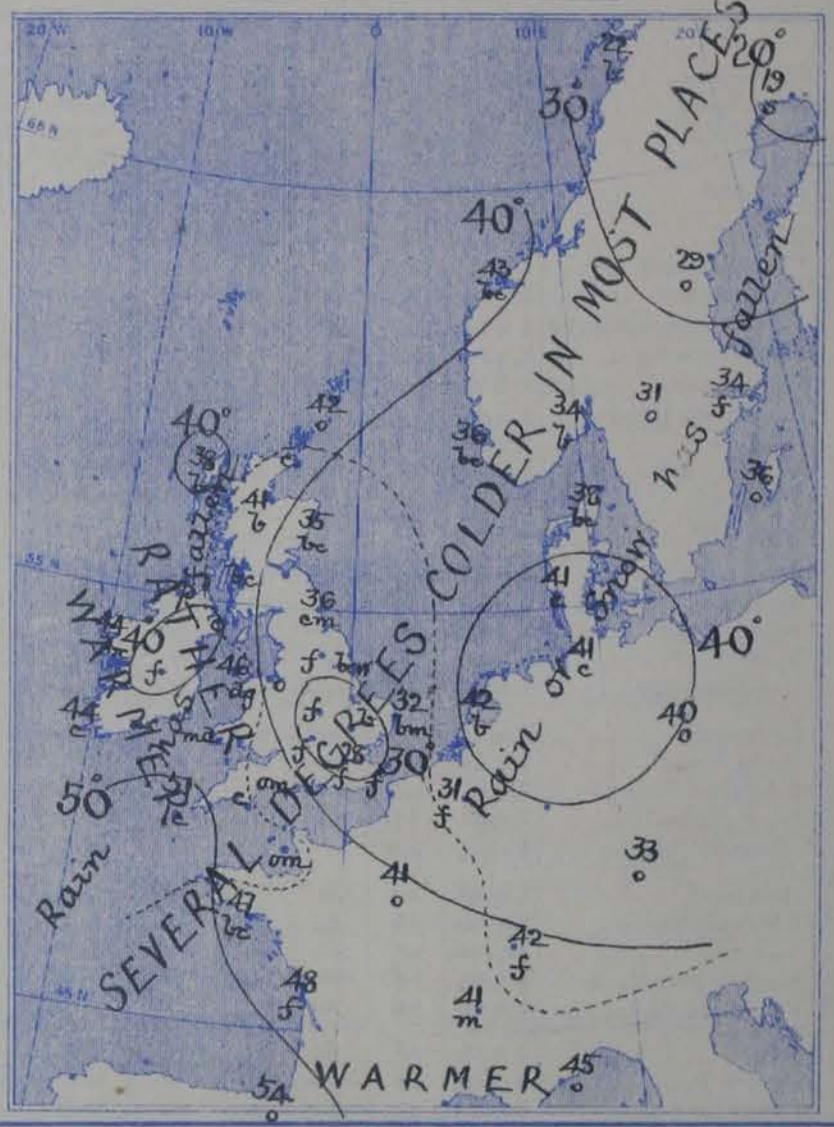
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Stonyhurst	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Douglas (Isle of Man)	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·979	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins: and more over Central France, and exceeding 30·0 ins: over the Bay of Biscay, the Channel, and southern parts of England & Ireland.
Lowest, 29·6 ins: and less, over the Baltic, and below 29·7 ins: over the Shetlands and Orkneys.
Gradients slight, especially over the southern parts of our area.
Barometer rising generally, but irregularly and slightly. There is a very shallow disturbance over the St George's Channel.

TEMPERATURE

Highest, 54° at Biarritz, 51° at Brest and Scilly, 50° at Pembroke and Jersey.
Lowest, (1) 19° at Haparanda, 22° at Bodö, 29° at Hernösand; (2) 25° at Oxford, 26° at Cambridge, and below 32° in the midland counties generally.
The frost has been very sharp on the grass over England in the night, the minima reported being 22° at Loughborough, Oxford, and in London.

WIND

(1) NW, light to strong, on the eastern shores of the North Sea.
(2) Calm or nearly so at the majority of the English stations, SW on the Welsh coasts and over the Irish Sea, but light NW to W in Ireland (calm in places).

WEATHER

Fine in Ireland and Scotland, wet on the west coasts of England, foggy over England as a whole, dull and hazy over France.
Some rain has fallen generally at our eastern stations and over Scandinavia.

SEA

Moderate on our southwestern coasts and in the far north, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general appearance is favourable for quiet, but changeable weather, with fog at times.

FORECASTS

For the 24 hours ending at NOON on 12TH DEC. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Varying W breezes; fair as a whole.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	Very light airs and calms; weather changeable, fog at times.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SW to NW winds; changeable weather, fog at times and some rain.
WARNINGS	Signals all lowered.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to N.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.05	46	44	WNW	8	r	6	Valencia	29.94	49	45	SSE	2	bc	3
Sumburgh Head	29.53	40	37	NW	5	o	6	Scilly	29.96	51	49	ESE	1	o	4
Stornoway	29.76	42	41	W	2	b	2	Jersey	29.96	48	48	N	3	o	3
Aberdeen	29.72	40	36	NW	5	bq	3	Hurst Castle ...	29.95	49	44	NNW	2	c	1
Shields	29.80	43	41	W	3	b	2	Dungeness ...	29.91	45	43	NNW	1	m	0
Ardrossan	29.82	47	45	W	2	c	1	North Foreland	29.90	45	42	NNW	2	b	2
Malin Head ...	29.85	45	41	SW	3	c	3	London (Westminster)	29.93	47	43	WNW	2	bc	*
Belmullet	29.89	46	44	WSW	3	b	*	Yarmouth ...	29.96	44	41	WNW	3	b	3
Holyhead	29.93	45	43	WNW	3	b	2	Rochefort ...	30.10	49	48	S	3	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over our Islands as a whole, still very dull over northern Europe, the Baltic and Germany, with rain in many places, snow at Memel; and Brest fine over the Mediterranean and southeastern Europe. Some rain falling later in the west and north of the British Islands and over Scandinavia, and some snow showers in various parts of Central Europe.

Temperature fallen decidedly in the west of our Islands, risen at many of the Continental stations. Morning readings highest 56° at Malta, 55° at Barcelona and Corunna, and above 50° in the west of France generally, 49° at Scilly, 43° at the Helder and Tarè. Lowest 19° at Haparanda, 20° at St Petersburg, and much below the freezing point over Lapland and Russia generally; 39° on the northeast coasts of Great Britain, 40° at Oxford; 31° at Balmoral. Becoming much colder over Great Britain at night, where very sharp frost occurred on the ground.

Wind (1) NW³, fresh to a gale at the Scotch stations, W³, light to a gale, over the North Sea, but SE³ and S³ over the Baltic and Sweden, and E³, light to moderate over the northern parts of Norway; (2) NW³ to W³, light to moderate, over Ireland, England and many parts of France, SW³ over Germany, light and very variable over Southern Europe. Backing suddenly to the S. in Ireland during day, no great change elsewhere.

Barometer highest 30·3 in. and more over Italy, Sicily and Tunis, as well as at Madrid, and exceeding 30·0 in. over all the southern countries of Europe. Lowest about 29·0 in. in a deep depression over the southern half of Norway. Gradients steep over the northern parts of the North Sea, moderate to slight elsewhere. The depression referred to moving southeastwards later, and barometer rising materially in our Islands.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 12th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.70	25	S	2	S	29.83	+.17	23	22	+4	2	0	0	*	S	*	32	18	0.24
	Hernösand ...	29.86	9	2	0	b	29.91	+.29	5	4	-24	2	0	b	*	b	*	36	5	-
	Stockholm ...	29.87	30	2	0	0	29.97	+.41	29	28	-5	W	2	0	*	0	*	36	28	-
	Wisby	29.88	36	NSW	2	0	29.99	+.40	32	30	-4	NW	4	0	*	0	*	37	32	-
	Karlstad ...	29.92	20	NNW	2	b	29.92	+.26	18	17	-13	N	2	0	*	b	*	*	*	-
	Bodö	29.68	28	ENE	4	0	29.62	+.02	31	29	+9	ENE	4	S	4	0	*	31	21	-
	Christiansund ...	29.70	37	SSW	2	0	29.68	-.02	39	37	-4	NSW	3	c	4	0	*	43	36	0.08
	Skudesnaes ...	29.81	43	S	2	0	29.73	-.03	42	41	+6	SSE	4	0	4	0	*	43	36	*
	Færder (Christiania Fjord)	29.89	33	ENE	2	b	29.83	+.14	35	34	+1	NNW	1	0	2	b	*	35	32	-
	Skagen (The Scaw)	29.91	36	SW	1	bc	29.86	+.15	39	37	+1	SSE	1	0	0	bc	*	39	34	-
	Fanö	29.93	41	W	2	c	29.88	+.06	40	39	-1	NSW	4	0	*	c	*	43	40	-
BRITISH ISLANDS.	Sumburgh Head	29.69	42	NNW	2	b	29.43	-.19	40	38	-2	SSE	4	c	4	bc.b	*	45	34	0.12
	Stornoway ...	29.80	44	2	0	b	29.12	-.68	44	42	+6	S	8	0	8	o.b	1.5	44	32	0.05
	Wick	29.76	39	SW	3	bcmw	29.34	-.31	40	39	0	S	5	bc	3	bc	*	42	32	
	Nairn	29.81	37	NSW	1	bc	29.33	-.39	40	37	-1	NSW	1	c	1	bc	*	44	30	-
	Aberdeen ...	29.86	36	NSW	1	bc	29.49	-.30	39	37	+4	S	4	bcqu	3	b.bmw	3.9	41	28	-
	Leith	29.89	41	SSW	1	bc	29.44	-.39	39	37	-3	E	1	c	*	bc	*	46	30	-
	Shields	29.91	40	SW	2	bm	29.61	-.28	36	35	0	S	2	bcm	2	cm.bm	*	44	30	-
	Spurn Head ...	29.99	39	W	3	o	29.71	-.26	36	35	+1	NSW	3	f	3	c.m.r	*	42	35	0.10
	York	29.95	37	SSW	2	rf	29.68	-.29	31	31	0	S	1	f	*	rf	*	40	30	0.25
	Loughborough ...	29.98	38	SE	2	o	29.80	-.22	33	33	+4	SSE	2	f	*	c.om.r.b	*	39	29	0.13
	Ardrossan ...	29.89	45	W	2	bc	29.37	-.47	44	44	-1	S	5	r	4	c.bc	*	47	41	0.08
	Malin Head ...	29.90	41	SSW	3	b	29.20	-.66	?39	?37	-5	S	6	o	3	bc.b	*	46	37	0.09
	Belmullet ...	29.94	42	S	2	b	29.24	-.70	44	42	0	SW	4	0	*	bc.blr	*	47	41	0.50
	Donaghadee ...	29.96	35	NSW	3	b	29.42	-.48	43	43	+6	NSW	4	r	5	b	*	43	32	0.05
	Liverpool (Bidston)	29.97	41	2	0	0	29.68	-.29	35	35	-1	SE	4	bc	3	m.or	*	42	34	0.31
	Holyhead ...	29.94	44	NW	1	b	29.54	-.40	45	44	-1	S	4	rq	5	b.gmr	*	47	40	0.21
	Parsonstown ...	30.00	37	2	0	b	29.42	-.55	47	45	+10	SW	1	or	*	b.r	3.4	47	33	0.19
	Valencia ...	30.04	40	2	0	c	29.50	-.52	50	48	+6	SW	6	ogm	5	cp.cl	3.7	52	39	0.20
	Roche's Point ..	30.04	41	NW	1	b	29.58	-.40	50	49	+6	W	4	of	4	b.p	*	50	38	0.20
	Pembroke (St. Ann's Hd.)	30.00	48	N	3	bc	29.63	-.31	49	49	-1	NSW	7	r	5	bc	1.1	50	45	0.16
	Scilly	30.02	50	NNW	4	c	29.79	-.19	50	49	-1	SSW	7	m	5	o.c	0.0	52	46	0.01
	Prawle Point ...	29.99	47	W	4	c	29.86	-.16	47	43	0	SSW	5	cu	4	r.c.r	*	50	39	0.07
	Jersey (St. Aubin's)	30.03	52	SW	3	ogp	29.98	-.07	46	43	-4	WNW	3	c	3	op.d	*	52	44	0.10
	Hurst Castle ...	29.96	48	SSE	1	cp	29.88	-.16	42	41	+1	W	1	bc	1	c.p	*	45	41	0.05
	Dungeness ...	30.00	46	SSW	3	c	29.85	-.20	42	42	+15	W	3	c	2	o.c	*	48	29	0.10
GERMANY & HOLLAND.	North Foreland	30.01	43	S	2	om	29.85	-.23	42	41	+6	W	2	o	2	om.o	*	45	36	0.09
	London (Brixton) ...	29.99	43	S	1	ogm	29.88	-.19	38	37	+10	NSW	2	o	*	ogf.or	0.0	44	28	0.08
	Oxford	29.96	40	SSE	1	r	29.84	-.22	38	37	+13	SSW	2	o	*	rf	*	41	25	0.09
	Cambridge ...	30.00	37	SW	1	om	29.83	-.24	39	39	+13	SW	3	ogm	*	bq.om	2.1	41	25	0.03
	Yarmouth ...	29.99	39	SW	1	b	29.79	-.23	38	37	+6	W	2	fg	2	b	*	40	30	-
	Cuxhaven ...	30.05	41	WSW	1	o	29.93	+.02	37	36	-4	SSW	1	f	*	o	*	43	36	-
	Berlin	30.07	40	W	1	r	30.08	+.30	38	37	-2	SW	2	o	*	r	*	43	37	-
	Wiesbaden ...	*	*	*	*	*	30.07		31	30		W	2	o	*	*	*	41	28	-
	Munich... ..	30.17	32	E	1	b	30.11	.00	28	28	-5	2	0	f	*	b	*	43	27	-
	The Helder ...	30.03	36	S	1	b	29.85	-.16	35	34	-7	SSE	1	f	1	b	*	45	34	-
BELGIUM.	Brussels ...	*	*	*	*	*	29.91	-.22	40	39	+9	SSW	4	r	*	b	*	40	30	0.08
	Cape Gris Nez...	29.99	41	S	1	o	29.85	-.18	45	?	+7	W	5	o	5	o	*	48	38	?0.79
	Paris	30.09	39	2	0	c	30.01	-.09	43	42	+2	SSW	2	o	*	c	*	45	39	-
	Brest	30.04	50	NW	2	r	29.96	-.12	50	46	-1	SW	3	c	3	r	*	54	47	0.32
	Lorient... ...	30.06	51	SSW	3	c	30.04	-.04	48	44	+1	WNW	4	c	3	c	*	54	43	0.16
FRANCE &	Rochefort ...	30.15	47	E	1	o	30.09	-.02	50	48	+2	NNW	4	c	*	f.o	*	50	45	0.04
	Belfort	30.11	39	N	1	f	30.07	-.06	36	36	-6	2	0	f	*	f	*	44	36	-
	Lyons	30.12	44	E	1	o	30.11	-.02	41	41	0	SSE	1	f	*	bc	*	51	?	-
	Nice	30.03	45	2	0	b	30.06	+.07	43	40	-2	E	1	bc	2	b	*	54	41	-
	Perpignan ...	30.10	54	NE	1	o	30.11		52	47		NW	2	o	*	o	*	63	47	-
	Biarritz ...	30.06	44	W	5	r	30.12	+.06	53	51	-1	WNW	5	r	4	r	*	57	52	0.79
PENINSULA.	Corunna ...																*			
	Lisbon	30.32	54	WNW	1	c	30.35	+.10	55	53	-1	NNW	4	b	*	c	*	61	54	-
	Azores (P. Delgada)	30.54	57	NE	3	b	30.58	+.15	53	51	-1	NNE	4	c	2	b	*	63	52	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

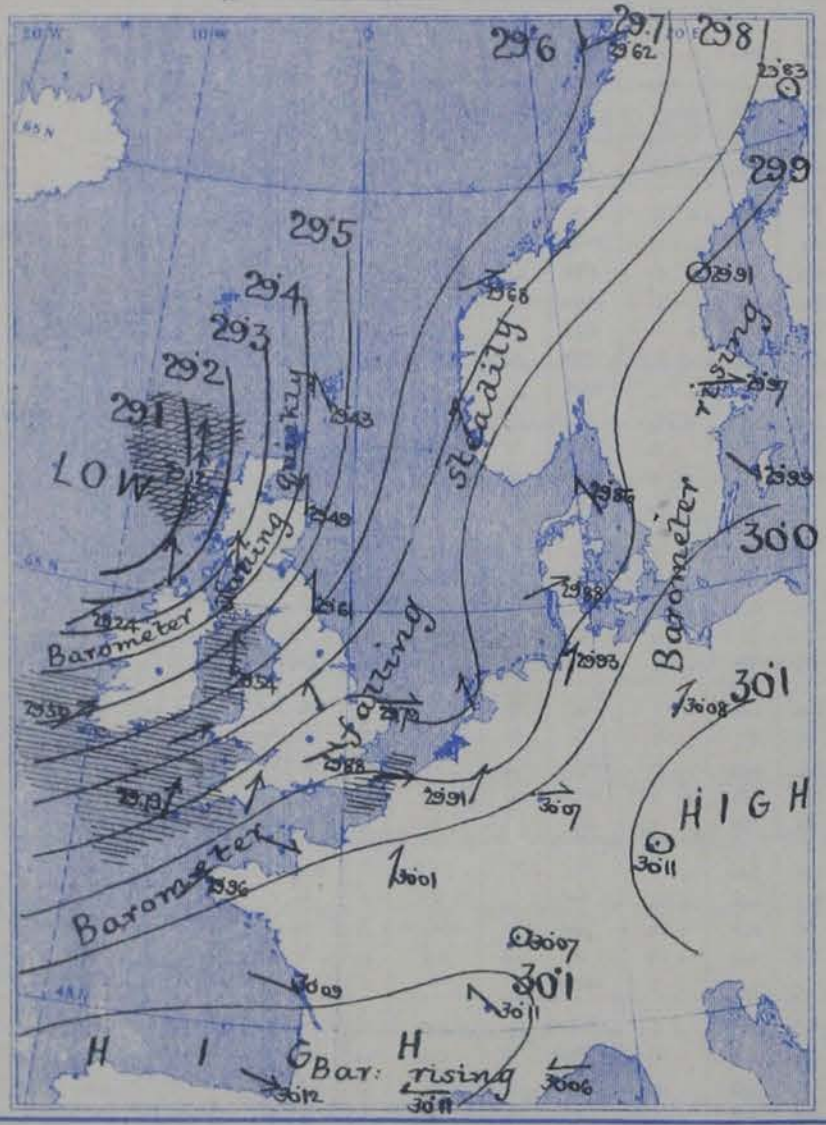
Eastbourne :- Sunshine yesterday 0.0

WEATHER CHARTS

FOR *Thursday, 12th December, 1895*

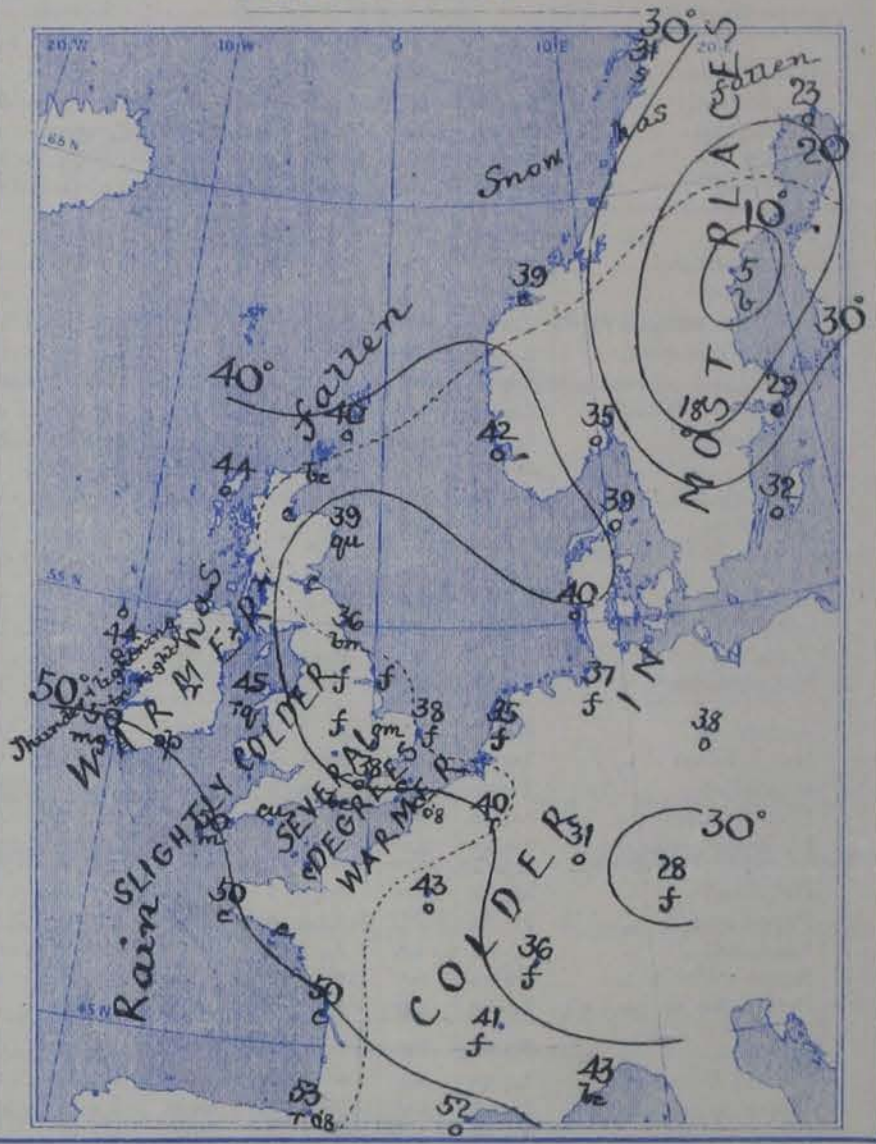
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum.	RAINFALL (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·0	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·933	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in. and more over the southwestern parts of the Spanish Peninsula, and exceeding 300 in. over nearly the whole of France and Germany.
Lowest, 29·2 in. and less, in a large depression which has appeared off the west of Scotland during the night.
Gradients steep in the west and north, slight over France, Germany, and the North Sea, but with a tendency to increase generally.
Barometer falling generally — quickly in the west and north.

TEMPERATURE

Highest, 53° to 50° in the west of France, 50° on our extreme southwestern coasts, 44° at Belmullet and Stornoway.
Lowest, (1) 5° F. at Hernosand, 18° at Karlstad, 23° at Haparanda (2) 31° at York, 33° at Loughborough, 38° at Oxford and in London.
The changes in the past twenty-four hours have been very irregular, but at 8 am the thermometer was rising fast in the west and the change was spreading eastwards.

WIND

W^ly to S^ly and moderate, over the eastern half of the Channel and England, S^ly in Holland.
In the west and northwest, however, S^ly winds of great strength have set in, and have reached the force of a gale at Stornoway.

WEATHER

Very changeable, temporarily fair at a few stations in England, dull and foggy at others, foggy over Holland, overcast and rainy in the west and north.
Rain has fallen all over Ireland, England, and the greater part of France, and thunder and lightning occurred in the west of Ireland during the night. Thick fog prevailed in London during the greater part of Wednesday. Bright Sunshine reported was, London and Eastbourne – None. Aberdeen Barometer, Valencia between 3 & 4 hours.

SEA

High at Stornoway, rough and rising in the west, smooth off Dungeness, but rather rough on the French side of the Straits of Dover.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression in the northwest is rather large. It has arrived very suddenly, and appears to be spreading over the Kingdom quickly. Our southwestern, western, and northern coasts are warned.*

FORECASTS

For the 24 hours ending at NOON on 13th DEC. 1895.

DISTRICTS.	FORECASTS.
↑ 1 SCOTLAND NORTH ↑ SCOTLAND EAST	S^ly and SW^ly gales and strong winds; very unsettled, rainy, squally.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No 5
5 ENGLAND SOUTH	SW^ly and S^ly winds, increasing greatly in force; weather becoming rainy & squally.
↑ 6 SCOTLAND WEST ↑ 7 ENGLAND N.W. ↑ 8 ENGLAND S.W. ↑ 9 IRELAND NORTH ↑ 10 IRELAND SOUTH	S^ly to W^ly gales; considerable rain, very unsettled.
WARNINGS	At 10 am to districts 0, 1, and 6 to 10 "HOIST SOUTH CONE"

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

* They have since been extended to all coasts.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·81	44	40	SSE	2	o	3	Valencia	30·03	48	44	WNW	2	cp	4
Sumburgh Head	29·63	42	39	WNW	2	bc	4	Scilly	30·01	51	47	NW	5	c	4
Stornoway	29·87	41	40	W	2	b	2	Jersey	30·02	50	48	WSW	3	o	3
Aberdeen	29·82	41	38	SW	2	b	2	Hurst Castle ...	29·99	43	42	SSE	2	c	1
Shields	29·90	44	42	SW	2	cm	2	Dungeness ...	30·01	46	44	SSW	3	o	2
Ardrossan	29·87	47	45	W	3	c	2	North Foreland	30·06	44	42	S	2	o	2
Malin Head ...	29·88	45	42	WSW	4	bc	3	London (Westminster)	30·01	45	42	S	0	ogf	*
Belmullet	29·96	47	44	W	3	bc	*	Yarmouth ...	30·01	39	37	WSW	2	o	3
Holyhead	29·95	45	45	NW	1	gmr	o	Rochefort ...	30·12	49	49	E	1	f	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright (1) over the southern parts of the Mediterranean, and the south of Russia; (2) over Scotland, Norway and Denmark, cloudy or overcast elsewhere, and very unsettled, with snow at some of the Russian stations, fog over many parts of France and the British Isles, rain at Naples. Rain falling later in all parts of Ireland, England, the west and north of France, and Belgium — the amount considerable at Belmullet; thunder and lightning occurring in the west of Ireland.

Temperature changing very fitfully — fallen fast over England and Belgium. Morning readings highest, 59° at Algiers, and exceeding 50° on the southern side of the Mediterranean and the coast of the Iberian Peninsula generally; 51° at Brest and Scilly, 50° at Pembroke. Lowest 15° to 25° over the greater part of Russia, 19° to 29° on the northern coasts of Scandinavia, but above the freezing point over Central Europe as a whole; 25° at Oxford, and below 32° over our midland counties. Very unsteady in our Islands during the day, but rising to between 50° and 52° on our southwest and south coasts, and to 39° and 45° over England.

Wind extremely variable (1) NW³ on the eastern shores of the North Sea, but SW³ over Poland and Hungary, SE³ over Finland; (2) nearly calm over the greater part of England, SW¹ to NW³ on our western and northern coasts, anticyclonic over France and Spain. Continuing very variable during day over the whole of Western Europe, and of little force.

Barometer highest 30·2 in. and more over the southern half of Spain, and exceeding 30·0 in. over the whole of France, the Mediterranean, and southeastern Europe, as well as the southeastern half of England. Lowest below 29·5 in. in a depression over the Baltic and below 29·7 in. in another "V shaped" system off the north of Scotland. Changing little and irregularly over the British Islands later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 13th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	29.88	29	WNW	2	0	29.91	+.08	27	26	+4	SW	2	0	*	0	*	30	19	0.04
	Hernösand ...	29.83	26	S	2	0	29.78	-.13	26	25	+21	E	0	0	*	0	*	28	1	-
	Stockholm ...	29.87	30	E	0	0	29.69	-.28	35	34	+6	SE	2	0	*	0	*	35	25	0.04
	Wisby	29.87	31	SSW	4	0	29.67	-.32	35	33	+3	SSE	4	0	*	0	*	35	25	0.04
	Karlstad ...	29.70	28	NE	4	S	29.51	-.41	33	32	+15	NNE	4	S	*	S	*	*	*	0.08
	Bodö	29.60	35	E	2	b	29.59	-.03	27	24	-4	E	4	b	2	b	*	38	24	-
	Christiansund ...	29.47	36	ESE	2	b	29.35	-.33	37	33	-2	E	1	b	3	b	*	39	36	-
	Skudesnaes ...	29.32	42	SSE	6	r	29.05	-.68	42	39	0	ESE	7	c	6	r	*	43	36	*
	Færder (Christiania Fjord)	29.60	38	SSE	4	r	29.35	-.48	38	36	+3	E	6	o	3	r	*	39	35	0.43
	Skagen (The Scaw)	29.50	38	S	4	o	29.25	-.61	38	37	-1	SSE	6	m	2	o	*	39	36	0.04
	Fanö	29.72	38	SSE	6	o	28.97	-.91	38	37	-2	SSE	6	c	*	o	*	41	36	0.04
	Sumburgh Head	29.01	42	SSE	5	o	29.10	-.33	42	42	+2	ESE	3	o	6	o	*	43	36	0.09
	Stornoway ...	28.95	37	WNW	2	S	29.20	+.08	39	38	-5	NNW	3	b	3	bl.o.s	0.0	44	32	0.60
	Wick	28.89	40	S	6	r	29.07	-.27	40	40	0	W	2	r	4	r	*	40	33	1.30
	Nairn	28.91	34	WNW	1	o	29.14	-.19	41	37	+1	NW	2	o	2	o.s	*	42	32	0.28
	Aberdeen ...	28.86	37	S	5	ogq†	29.00	-.49	38	37	-1	NW	9	ogq†	6	rq.rs	0.0	41	33	1.31
BRITISH ISLANDS.	Leith	28.88	39	NW	5	r	29.06	-.38	38	34	-1	W	4	c	*	r	*	41	34	0.03
	Shields	28.86	40	SSE	5	r	28.92	-.69	39	35	+3	NW	7	c	5	or	*	40	34	0.15
	Spurn Head ...	28.97	40	W	5	r	28.89	-.82	40	37	+4	W	8	oq	5	rq	*	41	34	0.20
	York	28.96	42	WSW	4	b	28.95	-.73	40	39	+9	WNW	7	bc	*	rsp.b	*	43	30	0.26
	Loughborough ...	29.10	40	SSW	7	bc	29.19	-.61	36	35	+3	W	6	oqrsp	*	r.q.s.cp	*	46	33	0.57
	Ardrossan ...	28.94	42	NW	3	o	29.19	-.18	42	41	-2	NW	3	qp	3	r.o	*	45	37	0.10
	Malin Head ...	29.07	36	W	6	ohq	29.32	+.12	42	38	+3	NW	8	chq	5	rs.hq.l	*	43	35	0.32
	Belmullet ...	29.30	40	WNW	7	eqrsp	29.59	+.35	42	38	-2	NW	6	b	*	phrsq	*	44	38	0.26
	Donaghadee ...	29.09	36	W	7	bq	29.31	-.11	41	38	-2	W	7	b	5	bq	*	43	33	0.23
	Liverpool (Bidston)	29.08	41	W	8	o	29.21	-.47	43	39	+8	WNW	10	c	8	m.r	*	46	35	0.22
	Holyhead ...	29.17	41	W	9	oqp	29.37	-.17	42	39	-3	WNW	9	chq	7	cqp	*	49	38	0.57
	Parsonstown ...	29.33	35	W	2	b	29.59	+.17	35	33	-12	E	0	b	*	or.b.s	0.6	47	32	0.65
	Valencia ...	29.48	44	W	7	oqp	29.72	+.22	46	42	-4	WNW	6	c	6	oqp	0.0	51	39	0.18
	Roche's Point ..	29.42	42	WNW	5	oq	29.68	+.10	41	39	-9	WNW	4	b	4	r.q.p	*	50	38	0.15
	Pembroke (St. Ann's Hd.)	29.30	50	WNW	7	o	29.52	-.11	43	42	-6	NW	7	b	6	oq	0.0	50	38	0.29
	Scilly	29.45	48	NW	7	opm	29.65	-.14	46	43	-4	NW	7	op	6	rm.pm	0.0	54	41	0.13
	Prawle Point ...	29.41	45	WSW	7	o	29.57	-.29	40	36	-7	NW	5	c	4	rq.pq	*	51	37	0.24
	Jersey (St. Aubin's)	29.51	51	SW	6	rm	29.59	-.39	44	40	-2	NW	7	cqhr	5	or.rq	*	52	42	0.43
	Hurst Castle ...	29.32	44	WNW	4	o	29.46	-.42	41	38	-1	WNW	4	b	3	rm.oqp	*	51	41	0.39
	Dungeness ...	29.34	47	SSW	9	r	29.29	-.56	36	35	-6	W	7	b	6	c.r	*	49	34	0.23
	North Foreland	29.26	46	SW	6	rq	29.24	-.61	37	34	-5	W	6	bq	3	bc.rq	*	47	36	0.24
	London (Brixton) ...	29.20	43	W	7	oqprh	29.28	-.60	37	34	-1	WNW	4	b	*	oqrqprh.b	0.4	48	35	0.26
	Oxford	29.22	40	SSW	3	o	29.34	-.50	37	35	-1	W	5	b	*	or.hqtl	*	49	35	0.47
	Cambridge ...	29.16	43	S	6	rq	29.20	-.63	36	35	-3	W	5	bq	*	orq	0.1	47	34	0.16
	Yarmouth ...	29.21	43	SSW	7	r	29.05	-.74	36	34	-2	W	6	cqq	4	cf.r	*	43	33	0.22
GERMANY & HOLLAND.	Cuxhaven ...	29.47	40	SSW	4	r	29.05	-.88	39	38	+2	SSW	2	o	*	r	*	43	37	0.16
	Berlin	29.82	34	SE	4	b	29.26	-.82	34	32	-4	SE	4	c	*	b	*	41	32	.
	Wiesbaden ...	*	*	*	*	*	29.13	-.94	38	37	+7	SW	2	o	*	*	*	38	28	0.43
	Munich... ..	29.97	32	SE	2	c	29.23	-.88	39	?	+5	SSE	3	o	*	c	*	34	28	-
	The Helder ...	29.24	41	S	7	r	28.99	-.86	41	38	+6	WSW	7	o	4	r	*	43	35	0.39
BELGIUM.	Brussels ...	*	*	*	*	*	29.25	-.66	35	33	-5	WSW	3	o	*	r	*	44	32	0.55
	Cape Gris Nez...	29.16	45	SW	5	r	29.29	-.56	41	40	-4	WNW	7	o	7	r	*	48	37	0.35
	Paris	29.73	44	SSW	3	o	29.43	-.58	38	36	-5	W	4	bc	*	o	*	48	37	0.32
	Brest	29.56	55	SW	6	r	29.67	-.29	47	44	-3	NW	5	c	5	r	*	55	43	0.59
	Lorient... ...	29.65	53	SW	6	r	29.66	-.38	48	44	0	WNW	7	c	5	r	*	55	43	0.59
FRANCE &	Rochefort ...	29.91	54	NW	6	r	29.74	-.35	51	49	+1	NW	6	o	*	o.r	*	54	48	0.47
	Belfort	29.90	40	SW	2	b	29.43	-.64	35	34	-1	W	7	m	*	b	*	43	35	0.08
	Lyons	30.02	41	WSW	1	o	29.55	-.56	43	42	+2	NW	3	r	*	o	*	49	39	0.32
	Nice	30.01	48	E	0	c	29.73	-.33	44	38	+1	SW	2	r	3	c	*	55	44	-
	Perpignan ...	30.08	51	NW	3	b	29.76	-.35	47	45	-5	SW	2	o	*	b	*	60	44	-
	Biarritz ...	30.03	54	SSW	4	o	29.83	-.29	57	56	+4	WNW	8	r	7	o	*	57	50	0.67
PENINSULA.	Corunna ...																*			
	Lisbon	30.36	57	NW	3	bc	30.35	.00	58	55	+3	NNW	3	o	*	bc	*	63	55	-
	Azores (P. Delgada)	30.64	59	S	3	bc	30.63	+.05	58	55	+5	S	4	c	2	bc	*	63	53	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne:- Sunshine yesterday 2.2 hrs.

WEATHER CHARTS

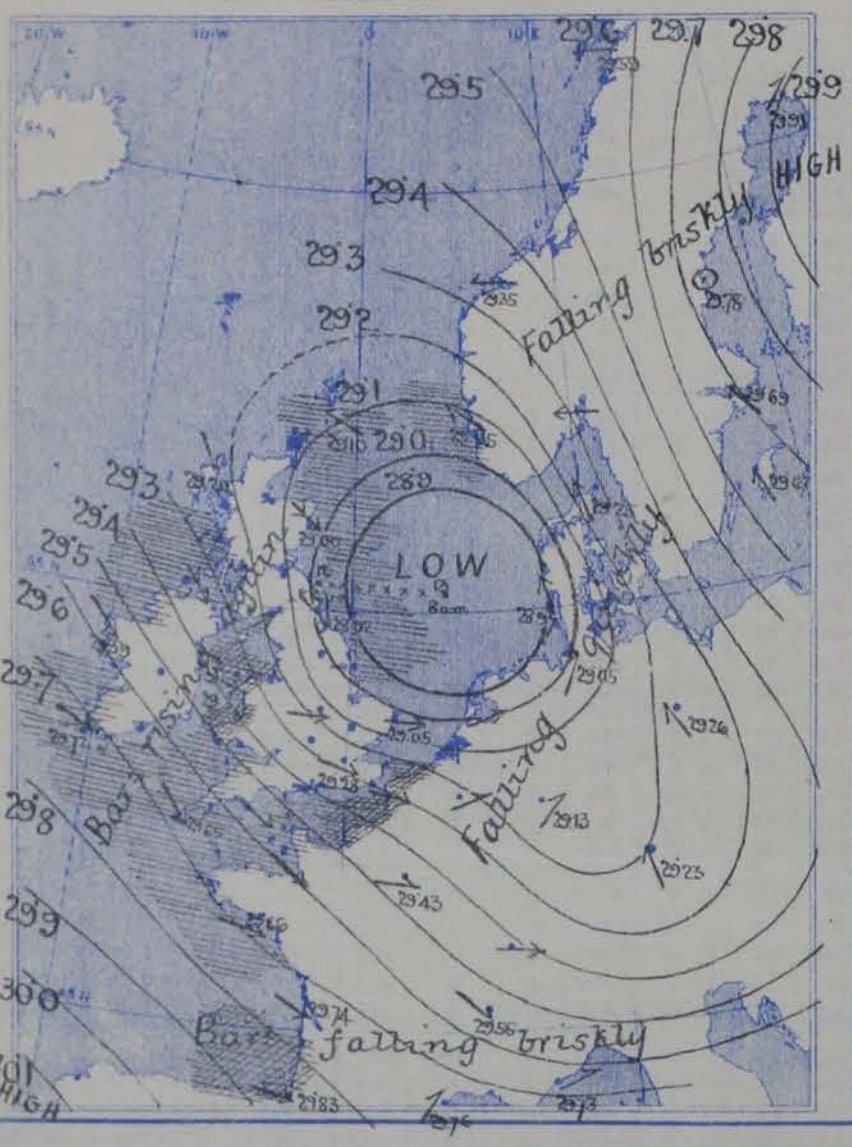
FOR Friday, 13th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ : }

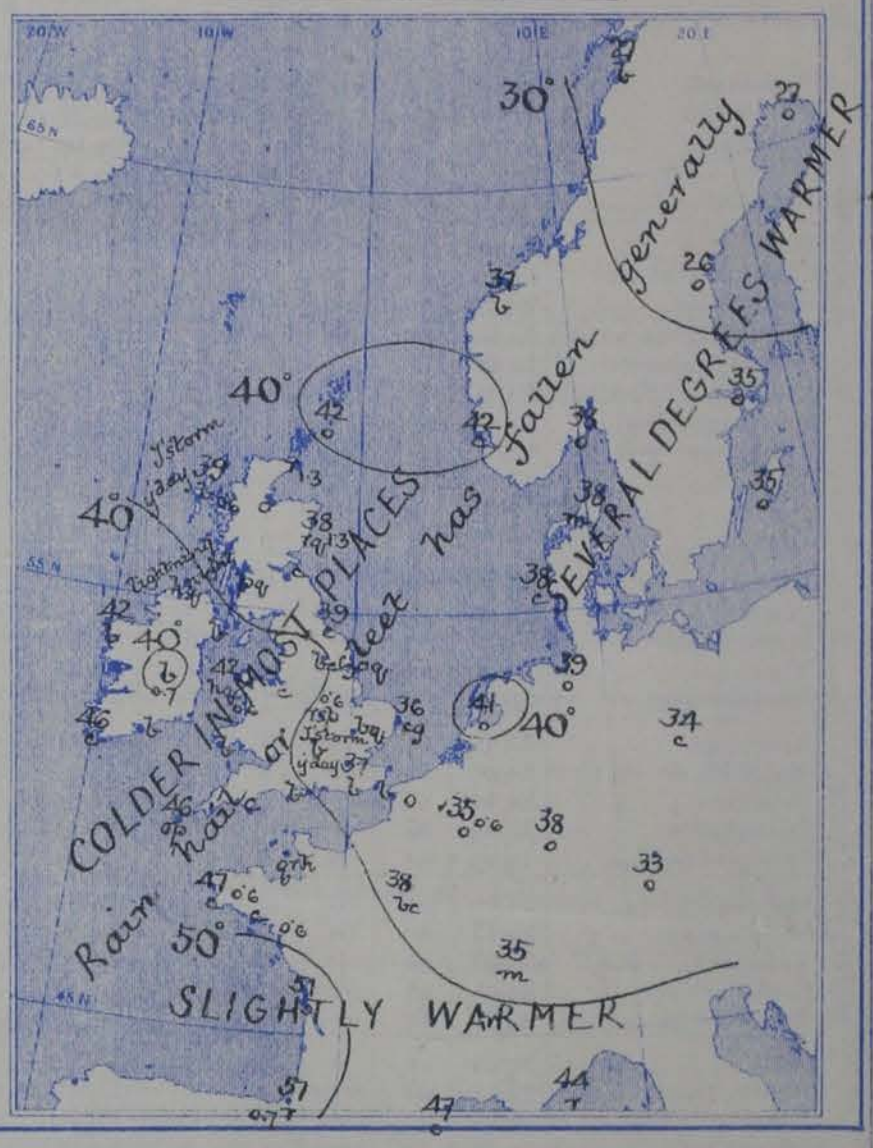
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL— *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Aspatria	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Douglas	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Rosslare Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·19	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in: and upwards in Portugal; 29·9 in: and upwards in Lapland.
Lowest, 28·9 in: and less, in a deep depression lying over the central parts of the North Sea.
Gradients rather steep over our Islands and also over Denmark and the south of Norway, but moderate or slight elsewhere.
Barometer rising over the United Kingdom, but falling at the Continental stations, – quickly in Denmark and Germany.

TEMPERATURE

Highest, 58° at Lisbon, 57° at Biarritz, 51° at Rochefort, 48° at Lorient, and 47° at Brest and Perpignan.
Lowest, 26° at Hernösand and 27° at Haparanda; lowest in our Islands 35° at Paramstown and 36° at Loughborough, Cambridge, Yarmouth & Dungeness.
Frost occurred last night in many parts of the United Kingdom.

WIND

Strong to a gale from the NW^ly over the greater part of our Islands and also in the north and west of France.
W^ly over the southeast of England, the Netherlands, and the east of France.
SE^ly over Germany, Denmark, and the south of Sweden; strong from the E^ly in the south of Norway.

WEATHER

Fine at present over the southern parts of our Islands, but showery, with hail or sleet over the northern parts of England and Ireland and snow in the east of Ireland.
Dull at most of the Continental stations, with rain in the south of France; fine and bright in the west of Norway.
Rain hail or sleet fell yesterday over the whole of Western Europe, the largest amounts measured this morning being 1·3 in: at Wick and Aberdeen, and 0·7 in: at Parsonstown and Biarritz. Thunder and lightning occurred yesterday at Stornoway and Oxford, and lightning was seen at Malin Head.

SEA

Rough generally, and high in the Irish Sea, as well as at Cape Gris Nez and Biarritz.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea appears likely to move southeastwards. Strong winds or gales from the NW^ly veering to the N^ly are likely to continue over our Islands for a time, with snow or sleet showers in most districts.

FORECASTS

For the 24 hours ending at NOON on 14th DEC^r 1895.

DISTRICTS.	FORECASTS.
↑0 SCOTLAND NORTH	Variable breezes, finally N^ly; squally, some snow showers.
↑1 SCOTLAND EAST ↑2 ENGLAND N.E.	NW^ly to N^ly strong winds or gales; squally, some snow or sleet showers.
↑3 ENGLAND EAST 4 MIDLAND COUNTIES ↑5 ENGLAND SOUTH	W^ly to NW^ly or N^ly winds, strong, a gale in places; squally, some snow or sleet showers.
↑6 SCOTLAND WEST ↑7 ENGLAND N.W. ↑8 ENGLAND S.W. ↑9 IRELAND NORTH ↑10 IRELAND SOUTH	NW^ly to N^ly strong winds and gales; squally, some cold showers.
WARNINGS	The signals are still flying on all coasts.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to N.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·56	44	40	SSE	6	c	5	Valencia	29·44	47	42	W	8	oq	7
Sumburgh Head	29·14	42	39	SSE	5	o	5	Scilly	29·52	52	52	WSW	8	tm	6
Stornoway	28·97	40	38	W	5	o	5	Jersey	29·70	49	47	SSW	5	o	4
Aberdeen	29·08	40	38	SSE	8	ogrq	6	Hurst Castle ...	29·51	48	47	SSW	7	tm	4
Shields	29·15	38	37	SSE	5	or	3	Dungeness ...	29·59	48	46	SSW	6	c	4
Ardrossan	28·95	43	43	NW	3	r	3	North Foreland	29·61	47	43	W	3	bo	2
Malin Head ...	29·04	38	36	NW	7	o	4	London (Westminster)	29·52	48	45	SSW	5	ogrq	*
Belmullet	29·23	39	38	NW	7	bcqphrz	*	Yarmouth ...	29·54	39	38	SSW	3	cf	3
Holyhead	29·12	44	43	WNW	8	cqp	6	Rochefort ...	30·07	53	50	SW	3	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the Spanish Peninsula, and fair as a whole over the greater part of France, Central Europe, and the extreme southeast of England; unsettled over Russia, with snow in many places, and becoming very unsettled over the British Islands as a whole, with rain at many stations, wet fog over England. Rain falling later in all parts of our Islands and their neighbourhood — heavily in Scotland, hail and snowshowers in many places, thunder and lightning occurring in several parts of the Kingdom.

Temperature rises considerably over England and Belgium. Morning readings highest 60° at Malta and Nemours, 57° at Palma, 54° at Corunna, and 50° on the west coast of France and extreme southwest of our Islands, as well as at Cagliari and Naples. Lowest 19° to 29° over Russia and Finland; 28° at Munich, 29° at Vienna, 32° at Münster; 31° at York, 33° at Loughborough, 35° at Liverpool. Rising later to between 50° and 54° on our southwestern coasts generally, but scarcely exceeding 40° in the northeast. Falling again subsequently over the Kingdom generally.

Wind very variable in direction and light to moderate in force over almost the whole of Continental Europe; S. strong to a gale at our western and northwestern stations, S. to W. and light over the eastern half of the Kingdom; S. over the Netherlands and SW. over North Germany. Gales from S. to W. and NW. felt subsequently in all parts of the Kingdom.

Barometer highest, 30·6 in. at the Azores, and 30·3 in. and more to 30·1 in. over the Iberian Peninsula and the southwest of France; (2) 30·2 in. to 30·1 in. over southeastern Europe. Lowest below 29·2 in. in a well marked depression lying off the west of Scotland and below 28·7 in. over all the western and northern parts of our Islands and the coast of Norway. Gradients steep and increasing over Ireland and Scotland. The depression in the northwest travelling northwards later, but a new one appearing over the North Channel, growing much deeper and moving eastwards to the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 14th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·05	24	SE	2	0	30·11	+·20	30	30	+ 3	SSE	2	0	*	0	*	32	?	-
	Hernösand ...	29·87	34	E	4	r	29·96	+·18	35	33	+ 9	2	0	0	*	r	*	36	21	0·08
	Stockholm ...	29·75	36	E	2	0	29·85	+·16	34	33	- 1	E	2	S	*	0	*	37	28	0·04
	Wisby	29·67	36	S	4	0	29·77	+·10	35	34	0	SE	4	r	*	0	*	36	28	0·08
	Karlstad ...	29·66	35	E	2	0	29·79	+·28	35	33	+ 2	ENE	2	0	*	0	*	*	*	0·04
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...	29·47	41	ENE	2	c	29·72	+·67	39	35	- 3	ESE	4	c	4	c	*	43	37	*
	Færder (Christiania Fjord)	29·53	38	NNE	4	0	29·74	+·39	37	36	- 1	NNE	3	0	3	0	*	38	37	0·24
	Skagen (The Scaw)	29·46	38	E	4	0	29·65	+·40	39	37	+ 1	E	3	0	1	0	*	39	36	0·04
	Fanö	29·25	35	E	3	r	29·54	+·57	34	34	- 4	E	2	b	*	r	*	39	34	-
BRITISH ISLANDS.	Sumburgh Head	29·43	41	ESE	1	r	29·44	+·34	42	41	0	SSE	3	0	4	r	*	43	38	0·16
	Stornoway ...	29·52	37	NNW	3	b	29·21	+·01	44	44	+ 5	SW	8	ru	8	bc, b	2·6	44	32	0·05
	Wick	29·42	37	NW	1	0	29·33	+·26	42	41	+ 2	SSW	6	ou	4	r.o	*	42	31	0·45
	Nairn	29·49	38	NNW	1	b	29·37	+·23	39	36	- 2	SSW	2	c	1	b	*	44	30	-
	Aberdeen ...	29·44	39	NW	6	ogqp	29·53	+·53	37	35	- 1	SSW	3	c	3	ogqp	0·0	39	33	0·09
	Leith	29·48	41	W	2	0	29·57	+·51	39	36	+ 1	SW	1	om	*	0	*	43	31	-
	Shields	29·39	43	NW	5	bm	29·66	+·74	35	34	- 4	SSW	1	m	3	c.bm	*	43	33	-
	Spurn Head ...	29·29	42	NNW	6	og	29·69	+·80	37	36	- 3	W	3	bc	3	og	*	43	36	0·01
	York	29·34	42	WNW	6	b	29·72	+·77	34	33	- 6	NNW	1	bc	*	b	*	43	32	-
	Loughborough ...	29·45	42	NW	6	bc	29·77	+·58	33	33	- 3	W	1	bc	*	cqp.bc	*	43	33	0·02
	Ardrossan ...	29·47	45	W	4	0	29·53	+·34	45	44	+ 3	S	4	r	3	c.o	*	47	35	0·02
	Malin Head ...	29·61	43	NW	6	bp	29·43	+·11	45	45	+ 3	SW	3	odp	2	c.bp	*	45	40	0·03
	Belmullet ...	29·71	44	WNW	2	om	29·52	-·07	51	51	+ 9	SW	4	om	*	o.om	*	51	38	0·13
	Donaghadee ...	29·62	40	NW	7	bc	29·57	+·26	44	44	+ 3	SSW	5	r	3	bc	*	44	35	0·02
	Liverpool (Bidston)	29·54	43	WNW	8	0	29·71	+·50	40	39	- 3	S	1	0	2	0	*	44	39	-
	Holyhead ...	29·63	44	NW	8	0	29·67	+·30	44	44	+ 2	SSW	6	f	4	c.o	*	44	40	-
	Parsonstown ...	29·76	41	W	1	0	29·63	+·04	51	51	+ 16	W	1	od	*	c.o.d	1·8	52	34	0·05
	Valencia ...	29·82	48	WNW	2	odm	29·72	·00	53	53	+ 4	SW	5	om	5	o.dm	0·1	54	44	0·08
	Roche's Point ..	29·81	47	WNW	4	c	29·74	+·06	53	52	+ 12	W	2	o	3	c.r	*	53	40	0·05
	Pembroke (St. Ann's Hd.)	29·72	43	NW	6	bc	29·76	+·24	50	50	+ 4	W	4	ogm	4	bc	2·9	51	39	0·03
	Scilly	29·80	50	NW	6	cp	29·86	+·21	53	53	+ 4	W	5	m	5	c.cp	1·4	53	43	0·08
	Prawle Point ...	29·70	43	WNW	5	bc	29·84	+·27	47	46	+ 4	WNW	3	c	2	o	*	47	39	-
	Jersey (St. Aubin's)	29·75	47	NW	5	bcqrhp	29·88	+·29	47	45	+ 3	NW	1	odm	1	chrqp	*	49	42	0·04
	Hurst Castle ...	29·61	42	WNW	4	bc	29·82	+·36	43	41	+ 2	WNW	1	ogm	2	cq.bc	*	44	41	-
	Dungeness ...	29·40	41	WNW	7	bcq	29·76	+·47	34	34	- 2	WNW	3	bc	2	bcq	*	45	33	-
GERMANY & HOLLAND.	North Foreland	29·35	43	NW	9	oq	29·75	+·51	40	38	+ 3	WNW	5	bc	4	bc.oq	*	44	36	0·03
	London (Brixton) ...	29·47	42	NW	5	b	29·79	+·51	34	33	- 3	W	1	b	*	cq.b	0·0	44	34	-
	Oxford	29·58	41	NW	5	c	29·79	+·45	36	34	- 1	W	1	c	*	cq	*	44	35	-
	Cambridge ...	29·40	42	NW	5	o	29·77	+·57	35	35	- 1	WNW	3	bm	*	c.o	1·1	44	34	-
	Yarmouth ...	29·21	40	NW	6	cqr	29·66	+·61	37	36	+ 1	NW	3	bcf	4	cqg.rq	*	43	35	0·08
	Cuxhaven ...	29·04	40	SW	4	r	29·45	+·40	36	35	- 3	NE	1	c	*	r	*	43	36	0·35
	Berlin	29·34	34	SSE	3	bc	29·50	+·44	33	31	- 1	SE	2	bc	*	bc	*	37	30	0·08
	Wiesbaden ...	*	*	*	*	*	29·50	+·37	39	38	+ 1	W	2	o	*	*	*	41	36	0·24
	Munich	29·57	31	SW	4	b	29·52	+·29	32	31	- 1	W	5	c	*	b	*	41	30	0·12
	The Helder ...	29·01	41	NNE	7	r	29·57	+·58	41	39	0	N	2	c	2	r	*	45	39	0·35
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29·60	+·35	40	39	+ 5	NW	3	r	*	r	*	42	33	0·20
	Cape Gris Nez ...	29·40	43	NW	8	c	29·72	+·43	42	41	+ 1	NNW	5	c	5	c	*	48	37	-
	Paris	29·60	42	WNW	3	b	29·78	+·35	43	40	+ 5	W	3	o	*	b	*	46	38	-
	Brest	29·86	48	NNW	5	c	29·92	+·25	53	52	+ 6	WNW	4	o	4	c	*	53	45	0·24
	Lorient	29·87	49	NW	6	c	29·94	+·28	53	51	+ 5	NW	6	c	5	c	*	50	43	-
	Rochefort ...	29·93	49	WNW	6	bc	30·00	+·26	49	49	- 2	NNE	4	r	*	bc	*	54	46	0·08
	Belfort	29·61	31	WSW	8	s	29·68	+·25	33	33	- 2	SW	3	m	*	s	*	44	31	0·12
	Lyons	29·78	33	NNW	2	b	29·82	+·27	39	36	- 4	NNW	4	o	*	b	*	45	33	0·08
	Nice	29·36	46	NW	6	b	29·48	-·25	40	31	- 4	E	2	b	2	b	*	54	37	0·04
	Perpignan ...	29·80	48	NW	5	bc	29·86	+·10	50	45	+ 3	NW	4	o	*	bo	*	60	44	-
	Biarritz ... †	29·96	53	W	8	r	30·03	+·20	57	52	0	W	8	r	7	r	*	59	50	0·49
PENINSULA.	Corunna ...																*			
	Lisbon	30·35	58	N	4	0	30·37	+·02	58	53	0	NNE	3	o	*	o	*	63	57	-
	Azores (P. Delgada)	30·62	57	N	1	0	30·60	-·03	55	52	- 3	NNW	3	o	1	o	*	61	54	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne;– Sunshine yesterday 5·0 hrs.

WEATHER CHARTS

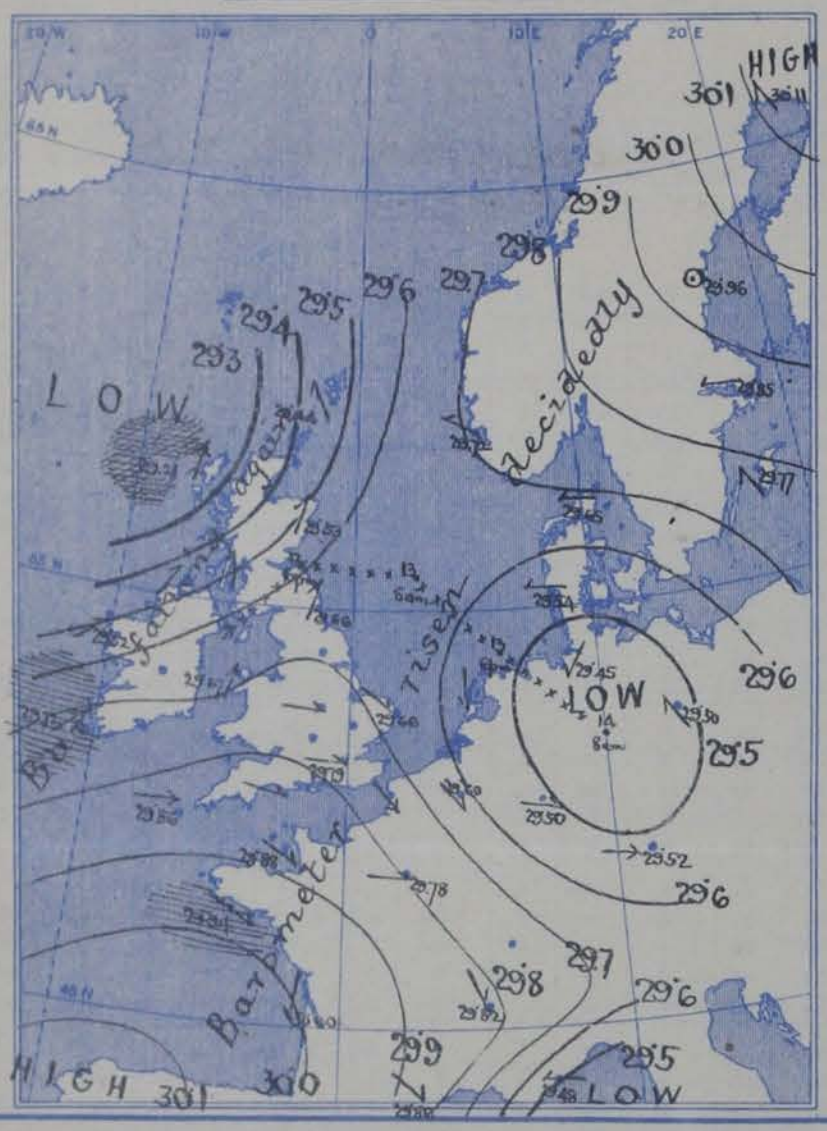
FOR Saturday, 14th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ➛ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ➛ ; *Force 1 to 4* ⟶ ; }

SEA—Rough ▒ ; *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL— *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	57·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0*	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins. and upwards, in Portugal; 30·1 ins. and upwards, over Lapland.
Lowest, 29·3 ins. and less, in a depression lying off the northwest of Scotland; 29·5 ins. and less, in two other disturbances, one lying over Germany and the other over the Gulf of Genoa.
Gradients moderate or slight generally, but rather steep over Scotland.
Barometer falling again in the east and north of our Islands, chiefly in the Hebrides, rising at our eastern, southern, and the Continental stations.

TEMPERATURE

Highest, 58° at Lisbon, 53° at Valencia (Ireland), Rock Point, Scilly, Brest, and Lorient, and 51° at Belmullet and Parsonstown.
Lowest, (1) 30° at Haparanda ~~and Stockholm~~, 32° at Munich, and 33° at Berlin and Belfort; (2) 38° at Loughborough, and 34° at York, Dungeness, and in London.
Frost occurred last night in many parts of Great Britain; at Loughborough the thermometer on the grass fell to 23° and in London to 27°.

WIND

S. or SW. over Ireland, Scotland and the north of England, with a fresh gale at Stornoway.
Light from the W.ly over the greater part of England; moderate to fresh from the N. or NW. in France.
W. over South Germany, E. or SE. over North Germany, Denmark, and the greater part of Scandinavia.

WEATHER

Fine over the eastern and central parts of England, but cloudy or dull over Western Europe generally, with rain on our extreme northwest coasts, as well as at Valentia, Brussels and Rochefort. Snow is falling at Stockholm.
Showers fell yesterday in many parts of the United Kingdom, and larger quantities of rain in Holland, Germany, and Denmark.
Aurora was seen last night at Shields.

SEA

Very high at Stornoway, and rather rough on our extreme southwest coasts, as well as off the north of France, moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which lay over the North Sea has travelled southeastwards to Germany, and is now rapidly filling up.

A new disturbance is, however, approaching the northwest of Scotland, and increasing SW. winds are probable over the whole Kingdom with rainy weather, and a temporary rise of the thermometer.

FORECASTS

For the 24 hours ending at NOON on 15th DEC. 1895.

DISTRICTS.	FORECASTS.
▲ 0 SCOTLAND NORTH; ▲ 1 SCOTLAND EAST	SW. to W. winds, increasing to a gale; squally, rainy.
▲ 2 ENGLAND N.E.; ▲ 3 ENGLAND EAST; 4 MIDLAND COUNTIES; ▲ 5 ENGLAND SOUTH	W. to SW. winds, increasing in force; fair at first, unsettled later with some rain. Becoming temporarily milder.
▲ 6 SCOTLAND WEST; ▲ 7 ENGLAND N.W.	Same as No. 0 and 1.
8 ENGLAND S.W.	W. and SW. winds, increasing in force; dull, unsettled, some rain.
▲ 9 IRELAND NORTH; ▲ 10 IRELAND SOUTH	Same as No. 0 and 1.
WARNINGS	At 10·15 am to districts 0, 1, 6, 7, 9, and 10 "Keep up Cone". The signals are still flying in districts 2, 3, and 5

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ..	29·25	43	40	SW	6	c	6	Valencia	29·82	50	46	WNW	5	o	5
Sumburgh Head	29·31	41	40	ESE	3	f	6	Scilly	29·76	50	47	NW	6	c	5
Stornoway	29·40	42	40	NNW	3	bc	3	Jersey	29·70	48	44	NNW	6	bcphrq	5
Aberdeen	29·28	39	37	NW	7	cqq	6	Hurst Castle ...	29·53	44	40	WNW	6	cq	3
Shields	29·16	42	37	NW	6	c	5	Dungeness ...	29·43	44	41	WNW	7	bcq	5
Ardrossan	29·40	43	42	NW	2	c	1	North Foreland	29·26	44	39	WNW	8	bc	5
Malin Head ...	29·53	43	39	NW	7	c	5	London (Westminster)	29·35	45	40	WNW	4	c	*
Belmullet	29·70	44	41	WNW	4	o	*	Yarmouth ...	29·05	43	38	WNW	7	cqq	4
Holyhead	29·55	43	40	NW	8	o	6	Rochefort ...	29·85	51	46	NNW	6	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the southern parts of our Islands, but unsettled at all the more northern stations, with rain in the west of Scotland, and hail showers in many other districts. Dull over the greater part of the Continent, with rain in the south of France and snow at Karlstad and Helsingfors; fine and bright in the west of Norway. Showers falling later over the United Kingdom generally and larger quantities of rain in many parts of Holland and Germany. Aurora seen at Shields.

Temperature fallen in most countries, but risen quickly in Sweden. Morning readings highest 60° at Malta, 58° at Lisbon, and 57° at Biarritz, Oporto and Palma; above 50° at the Mediterranean and Spanish coast stations generally. Lowest 14° at Moscow, 17° at Kharkov, 20° at Nicolaieff, and 21° at Archangel; below the freezing point over Austria, Russia, and the north of Scandinavia generally; below 40° in many parts of the United Kingdom. Rising during day to between 50° and 54° on our extreme east and southeast coasts and also in the west, but remaining below 45° in many parts of Great Britain. Frost occurring over Great Britain at night.

Wind strong to a gale from the NW^ly over the greater part of our Islands, and also in the north and west of France, and from the W^ly in the Netherlands and the west of France; S^ly or SE^ly over Austria, Germany, Denmark, and the Baltic; E^ly in Norway; Variable in Italy. W^ly or NW^ly over the Spanish Peninsula. Gale moderating later on many parts of our west and northwest coasts but wind increasing from the NW^ly over Holland and the southeast of England.

Barometer highest 30·3 in. and upwards, in an anticyclone lying to the southwestward of the Spanish Peninsula; 30·2 in. and upwards in another system over Russia. Lowest 28·9 in. and less in a deep depression lying over the central parts of the North Sea. Depression subsequently moving southeastwards; barometer rising over Western Europe generally—briskly at the northern stations.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Sunday 15th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·12	35	S	2	o	30·08	−·03	26	26	+ 4	S	2	s	*	o	*	32	19	0·04
	Hernösand ...	29·95	33	S	4	s	29·90	−·06	35	33	0	S	4	f	*	s	*	?	30	0·12
	Stockholm ...	29·92	34	SE	2	s	29·91	+·06	34	33	0	E	0	f	*	f	*	37	32	0·24
	Wisby	29·89	34	SE	4	o	29·89	+·12	33	32	− 2	SE	4	o	*	o	*	35	30	—
	Karlstad ...	29·84	34	E	0	o	29·80	+·01	36	35	+ 1	S	2	o	*	o	*	*	*	—
	Bodö	29·75	34	E	4	o	29·64	−·18	37	33	+ 4	E	4	o	2	o	*	39	30	—
	Christiansund ...	29·55	38	ESE	2	bc	29·38	−·29	41	37	+ 3	ESE	4	o	1	bc	*	41	37	—
	Skudesnaes ...	29·58	41	S	8	o	29·45	−·27	41	39	+ 2	SE	10	r	7	o	*	41	37	—
	Færder (Christiania Fjord)	29·80	37	ENE	2	o	29·72	−·02	40	38	+ 3	ESE	4	o	3	o	*	?	37	—
	Skagen (The Scaw)	29·78	39	SE	1	o	29·72	+·07	36	34	− 3	S	3	o	1	o	*	39	34	—
	Fanö	29·74	31	E	2	b	29·64	+·10	32	32	− 2	SE	4	m	*	b	*	37	31	—
BRITISH ISLANDS.	Sumburgh Head	29·10	45	SSW	6	r	29·20	−·24	38	37	− 4	E	0	o	4	r	*	45	36	0·21
	Stornoway ...	29·15	42	W	3	b	29·09	−·12	32	32	− 12	E	0	o	0	bc, b	0·5	49	30	0·16
	Wick	29·14	39	S	4	c	29·13	−·20	39	38	− 3	S	3	c	2	c	*	43	33	0·05
	Nairn	29·18	45	WSW	2	c	29·13	−·24	30	29	− 9	E	0	b	1	c	*	50	28	—
	Aberdeen ...	29·26	43	S	5	ogq	29·12	−·41	35	33	− 2	NE	2	og	4	orgq, og	0·0	44	31	0·03
	Leith	29·31	46	WSW	1	o	29·24	−·53	40	39	+ 1	ENE	4	r	*	o	*	52	33	0·04
	Shields	29·44	41	SSW	3	o	29·03	−·63	44	44	+ 9	ESE	4	r	3	p, o	*	46	33	0·05
	Spurn Head ...	29·55	41	S	4	o	29·11	−·58	49	48	+ 12	SW	3	r	3	o	*	49	37	0·39
	York	29·54	42	SSW	1	m	29·06	−·66	47	45	+ 13	S	2	bc	*	m	*	47	33	0·24
	Loughborough ...	29·60	43	SE	2	o	29·17	−·60	48	46	+ 15	WSW	4	cu	*	o, op, rq	*	50	33	0·31
	Ardrossan ...	29·33	48	W	4	o	28·97	−·56	37	37	− 8	NE	4	rf	2	od	*	49	36	0·23
	Malin Head ...	29·33	44	WSW	6	op	28·96	−·47	38	38	− 7	ESE	2	or	4	op.	*	50	36	0·18
	Belmullet ...	29·47	44	WSW	5	bcpq	28·47	−·65	38	37	− 13	NW	3	bc	*	c, bcpq	*	51	40	0·35
	Donaghadee ...	29·43	47	SW	4	o	28·95	−·62	42	42	− 2	SSW	4	r	2	o	*	50	34	0·05
	Liverpool (Bidston)	29·52	49	S	2	r	29·04	−·67	44	42	+ 4	W	6	bc	3	rm	*	51	39	0·23
	Holyhead ...	29·51	51	SW	2	rgm	29·00	−·67	44	42	0	SW	7	cq	5	af rgm	*	51	41	0·43
	Parsonstown ...	29·53	46	E	0	c	28·95	−·68	37	31	− 14	W	3	or	*	c, or	0·0	53	37	0·22
	Valencia ...	29·61	48	WSW	5	b	29·22	−·50	40	38	− 10	W	3	ow	7	om, b	0·0	54	39	0·17
	Roche's Point ..	29·60	50	W	3	c	29·19	−·55	40	38	− 13	W	5	cp	4	cp	*	55	38	0·25
	Pembroke (St. Ann's Hd.)	29·59	52	W	5	o	29·18	−·58	45	44	− 5	WNW	8	bcq	7	o	0·0	52	42	0·24
	Scilly	29·71	54	W	4	mw	29·48	−·38	46	43	− 7	WNW	7	c	6	om, mw	0·0	55	42	0·14
	Prawle Point ...	29·69	53	W	4	r	29·32	−·52	47	43	0	W	6	ow	5	fd, rq	*	53	45	0·23
	Jersey (St. Aubin's)	29·79	53	WSW	3	ofd	29·41	−·47	52	50	+ 5	W	5	om	4	ofd	*	54	46	0·21
	Hurst Castle ...	29·67	51	SSW	1	md	29·39	−·43	49	47	+ 6	WSW	3	ow	2	md	*	51	43	0·42
	Dungeness ...	29·73	46	SW	3	o	29·29	−·47	50	50	+ 16	SSW	4	r	3	bc, o, f	*	50	33	0·22
	North Foreland	29·72	43	SW	1	o	29·31	−·44	50	49	+ 10	SSW	3	r	3	bc, o, r	*	50	39	0·08
	London (Brixton) ...	29·70	44	SW	1	or	29·27	−·52	51	51	+ 17	SSW	3	o	*	c, or	0·0	52	34	0·35
	Oxford	29·61	48	S	1	o	29·25	−·54	47	45	+ 11	SW	3	c	*	or, p	*	51	35	0·39
	Cambridge ...	29·68	41	SW	3	rm	29·22	−·45	51	51	+ 16	SW	5	r	*	rm	1·4	52	34	0·40
	Yarmouth ...	29·70	40	SW	2	c	29·26	−·40	46	45	+ 9	S	3	ogd	4	bom, c	*	46	36	0·22
GERMANY & HOLLAND.	Cuxhaven ...	29·72	39	S	1	o	29·62	+·17	35	32	− 1	S	4	f	*	o	*	39	32	—
	Berlin	29·73	35	NNE	3	o	29·74	+·24	33	33	0	NNW	2	o	*	o	*	36	32	0·32
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	29·69	33	W	4	s	29·76	+·24	30	30	− 2	NW	4	o	*	s	*	34	30	0·12
	The Helder ...	29·78	34	S	1	b	29·47	−·10	36	35	− 5	SSE	5	o	3	b	*	41	32	—
BELGIUM.	Brussels ..	*	*	*	*	*	29·54	−·06	41	39	+ 1	SSE	5	o	*	o	*	43	34	—
	Cape Gris Nez...	29·75	46	SW	4	c	29·36	−·36	49	47	+ 7	SW	5	f	5	c	*	50	42	0·04
	Paris	29·86	39	W	1	b	29·57	−·21	43	43	0	SSE	2	r	*	b	*	46	39	0·16
	Brest	29·87	55	WSW	4	f	29·45	−·47	52	50	− 1	WNW	4	o	5	f	*	55	50	0·12
	Lorient... ...	29·87	55	W	5	m	29·51	−·43	52	52	− 1	WNW	5	c	5	m	*	55	48	0·16
FRANCE &	Rochefort ...	29·99	54	WNW	3	o	29·73	−·27	55	55	+ 6	W	5	r	*	o	*	55	49	0·24
	Belfort	29·79	36	W	2	m	29·76	+·08	31	30	− 2	E	2	m	*	m	*	36	30	0·16
	Lyons	29·96	39	NW	3	o	29·80	−·02	36	35	− 3	SSW	1	o	*	o	*	42	35	—
	Nice																*			
	Perpignan ...														*		*			
	Biarritz ...	30·05	57	NW	6	r	29·84	−·19	57	55	0	WSW	6	r	6	r	*	57	50	0·39
PENINSULA.	Corunna ...	30·17	58	NW	5	o	30·20	−·08	53	51	− 3	N	6	o	6	o	*	59	45	0·08
	Lisbon														*		*			
	Azores (P. Delgada)	30·48	57	NNW	3	b	30·51	−·08	59	57	+ 4	SSE	1	bc	1	b	*	63	55	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine 2·8 hrs:

WEATHER CHARTS

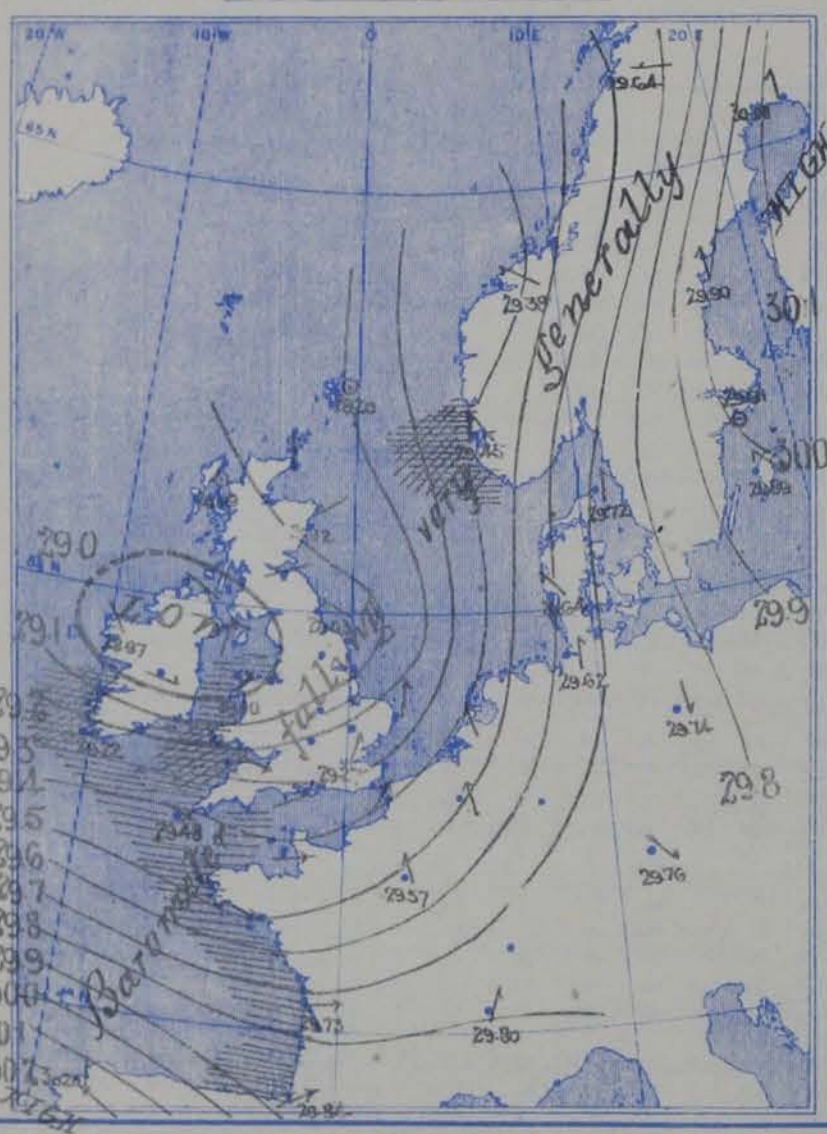
FOR SUNDAY, 15TH DEC., 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	5·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valentia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	35·1	24
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·3	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	44·0	33·7	2·05	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·5 in. at P. Delgada (Azores) and 30·3 in. to 29·9 in. over the Iberian Peninsula; (2) 30·0 in. to 29·9 in. over the Gulf of Bothnia, Finland, and the Baltic Provinces

Lowest, about 28·9 in. in the centre of a well marked depression lying over the north of Ireland.

Gradients steep – for W. winds over our southwestern districts and the Bay of Biscay, and for S. winds over the southern and eastern part of the North Sea.

Barometer falling fast over the northern and eastern districts, inclined to rise again in the southwest.

TEMPERATURE

Highest, 57° at Biarritz, 55° to 52° on the northwest coast of France, 52° at Jersey, 51° in London.

Lowest, 26° at Haparanda, 33° at Stockholm and at Belfast, 30° at Munich, 31° at Rochefort; 30° at Nairn, 32° at Stornoway, 35° at Aberdeen, 38° at Malin Hd.

The changes in the past 24 hours have been sudden, and the times of the occurrence of the daily maxima and minima altogether abnormal.

WIND

(1) SE. on the eastern shores of the North Sea, and blowing a heavy gale at Shoeburyness; NE. and Variable, light to calm over Scotland and the north of Ireland, but W. a gale, on our southwest coasts, SW. to S. over our southeastern and eastern counties, fresh W. over the Bay of Biscay.

WEATHER

Foggy over Sweden; dull and quiet over Central Europe, very changeable and unsettled elsewhere – especially over the British Islands, with rain in many places.

Rain has fallen very generally over the British Islands, France, and Germany – the largest amounts in our Islands being 0·3 in. to 0·4 in. at many of the English stations.

SEA

Very rough on our southwest coasts, rather rough over Brittany and the north of France, moderate elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 16th DEC. 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↓ 0 SCOTLAND NORTH	NONE ISSUED	↓ 6 SCOTLAND WEST	NONE ISSUED.
↓ 1 SCOTLAND EAST		↓ 7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		↓ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		↓ 10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	The South Cone is still flying in districts 0·1·6·7·9 and 10.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.69	40	36	SSE	4	o	3	Valencia	29.66	52	51	WSW	5	om	5
Sumburgh Head	29.17	44	41	SSE	7	r	7	Scilly	29.79	54	54	WSW	5	m	5
Stornoway	29.12	46	45	W	3	bc	3	Jersey	29.85	52	52	SE	2	md	2
Aberdeen	29.35	41	40	SSE	6	orqq	5	Hurst Castle ...	29.77	48	47	SSW	2	md	1
Shields	29.53	41	40	SSW	3	o	3	Dungeness ...	29.77	46	43	WSW	3	bc	2
Ardrossan	29.36	49	49	W	3	a	3	North Foreland	29.77	42	39	N	3	bc	4
Malin Head ...	29.33	48	46	WSW	6	qf	4	London (Westminster)	29.75	45	41	WSW	1	ofg	*
Belmullet	29.48	47	45	W	6	cfq	*	Yarmouth ...	29.70	41	39	WNW	2	bcm	3
Holyhead ...	29.55	50	50	SSW	4	df	3	Rochefort ...	30.03	55	54	NW	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the greater part of Spain, and (temporarily) over the midland, eastern, and southeastern counties of England, as well as over the North Sea and west of Norway; dull elsewhere, very unsettled, with rain over the Adriatic and Italy, as well as in the north and west of the United Kingdom, snow over Austria-Hungary. Considerable rain later in all parts of our Islands, and the greater part of France and Central Europe, snow in the last named regions.

Temperature in morning highest, 63° at Algiers, 60° at Malta and Palermo; above 50° on the western shores of Spain and France, and the southwestern shores of our Islands, 51° at Belmullet. Lowest (1) 6° F at Moscow, 14° at Kharkov, 17° at Kiev, and below 30° over Finland and Russia generally, 32° at Munich, and 33° to 39° over the inland parts of Great Britain. Rising later to between 50° and 54° over Great Britain, but falling over Ireland — changes very sudden and frequent.

Winds (1) SE, moderate to strong, over the Baltic and Russia, nearly calm over the North Sea, W over England, SW strong to a gale over the northwestern part of our Islands, NW to N over the Bay of Biscay and Spain; (2) a very complex cyclonic circulation of strong winds (a gale in places) over the Adriatic and eastern half of the Mediterranean, SW winds becoming general in our Islands later, but gale subsiding in the west.

Barometer highest 30·6 in: over the Azores, and 30·4 in: to 30·0 in: over Spain and the southern half of the Bay of Biscay; (2) 30·4 in: to 30·0 in: over the north of Russia, Finland, and the east of Lapland. Lowest 29·2 in: off the extreme northwest of our Islands; about 29·3 in: in a complex disturbance over the Mediterranean and Adriatic, and about 29·4 in: in a shallower system (filling up) over the northwest of Germany. Depression off northwest of Scotland moving northwards later, but barometer falling again in the south of Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 16th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·06	9	S	2	0	30·08	·00	28	28	+ 3	SW	0	0	*	0	*	34	29	-
	Hernösand ...	29.93	35	S	2	0	29·95	+·05	35	35	0	SW	0	r	*	0	*	36	30	0·04
	Stockholm ...	29·87	35	SW	0	r	29·86	-·05	37	36	+ 3	E	2	0	*	r	*	37	32	0·04
	Wisby	29·82	36	SSE	4	r	29·81	-·08	36	35	+ 3	ESE	3	0	*	r	*	36	30	0·04
	Karlstad ...	29·80	34	ENE	2	S	29·81	+·01	34	33	- 2	NE	2	r	*	S	*	*	*	0·04
	Bodö	29·69	38	ESE	2	0	29·75	+·11	39	35	+ 2	E	2	0	1	0	*	39	32	-
	Christiansund ...	29·49	41	ESE	2	bc	29·61	+·23	38	35	- 3	E	1	b	3	bc	*	41	37	-
	Skudesnaes ...	29·40	41	SSE	7	c	29·45	·00	43	38	+ 2	SSE	6	0	5	c	*	43	37	*
	Færder (Christiania Fjord)	29·70	38	NE	4	0	29·70	-·02	38	36	- 2	NE	3	0	2	0	*	40	36	-
	Skagen (The Scaw)	29·65	37	SE	3	0	29·59	-·13	38	37	+ 2	SE	3	0	1	0	*	39	34	-
	Fanö	29·42	34	SE	4	0	29·39	-·25	35	34	+ 3	SE	4	0	*	0	*	36	32	-
BRITISH ISLANDS.	Sumburgh Head	28·97	42	ENE	4	r	29·20	·00	42	41	+ 4	SE	6	0	7	r	*	43	38	0·17
	Stornoway ...	28·90	42	E	4	rq	28·93	-·16	40	39	+ 8	SSE	6	r	6	o.rqu	1·0	42	30	0·50
	Wick	28·74	43	NE	6	r	29·07	-·06	44	44	+ 5	S	7	ou	5	r	*	45	38	0·25
	Nairn	28·72	42	E	3	r	29·08	-·05	41	38	+ 11	ESE	3	bc	2	r	*	43	28	0·29
	Aberdeen ...	28·84	42	SSE	6	bcq	29·10	-·02	42	39	+ 7	SE	5	bcqu	6	r.bcq	0·0	45	35	0·26
	Leith	28·77	40	WSW	2	bc	29·01	-·03	35	34	- 5	SW	0	b	*	bc	*	44	33	0·18
	Shields	28·90	41	S	4	c	29·04	+·01	39	38	- 5	SE	4	p	3	r.c	*	47	33	0·04
	Spurn Head ...	29·10	40	S	4	c	29·07	-·04	40	39	- 9	S	5	od	4	c	*	49	35	-
	York	29·04	39	S	2	b	29·03	-·03	37	37	- 10	SE	1	rf	*	b	*	47	32	0·02
	Loughborough ...	29·19	38	WSW	2	b	29·02	-·15	40	39	- 8	SSE	3	odp	*	bc.b.op	*	49	33	0·01
	Ardrossan ...	28·73	41	ESE	2	omp	28·96	-·01	39	38	+ 2	NE	2	om	2	omp	*	41	37	0·16
	Malin Head ...	28·80	39	NW	2	or	28·88	-·08	43	42	+ 5	NW	7	op	5	o r	*	43	37	0·77
	Belmullet ...	28·87	44	W	4	0	29·13	+·16	44	39	+ 6	NNW	6	oq	*	op	*	44	37	0·56
	Donaghadee ...	28·81	37	WSW	5	0	28·93	-·02	33	33	- 9	W	3	c	1	o	*	44	30	0·49
	Liverpool (Bidston)	29·01	40	SSW	3	b	28·90	-·14	38	37	- 6	ESE	4	o	?	p.b	*	45	36	0·01
	Holyhead ...	28·96	43	SW	7	cp	28·88	-·12	41	40	- 3	NE	4	gmr	3	cp	*	44	39	0·44
	Parsonstown ...	28·89	41	W	3	r	29·05	+·10	40	38	+ 3	NW	2	r	*	c.or	1·0	43	33	0·31
	Valencia ...	29·02	47	WSW	9	ohq	29·19	-·03	43	40	0	N	6	p	6	ohq	0·7	47	40	0·34
	Roche's Point ..	29·05	43	W	5	p	29·11	-·08	42	41	+ 2	NW	4	c	4	p.rsq	*	46	39	0·30
	Pembroke (St. Ann's Hd.)	29·07	46	WSW	6	bc	28·97	-·21	44	43	- 3	WNW	7	o	7	o.bc	1·0	48	39	0·20
	Scilly	29·26	46	WNW	7	cq	29·09	-·39	47	44	+ 1	NW	5	c	6	q.c.l	2·1	47	40	0·20
	Prawle Point ...	29·25	44	W	6	c	29·08	-·24	44	41	- 3	W	6	oqpu	5	rq.l	*	47	40	0·26
	Jersey (St. Aubin's)	29·37	45	WSW	5	bcqrh	29·22	-·19	46	43	- 6	SW	6	c	5	p.qrh	*	52	41	0·14
	Hurst Castle ...	29·25	43	WNW	2	b	29·11	-·28	47	45	- 2	SW	4	oqp	2	qprh	*	50	44	0·27
	Dungeness ...	29·24	43	W	4	c	29·19	-·10	45	44	- 5	SSW	6	qrh	5	c	*	51	37	0·07
	North Foreland	29·25	42	SSW	2	b	29·21	-·10	43	42	- 7	S	3	or	3	o.b	*	50	36	0·12
	London (Brixton) ...	29·23	38	W	2	b	29·14	-·13	41	40	- 10	SSE	3	bc	*	c.b.or	0·0	52	36	0·10
	Oxford	29·20	35	SW	3	b	29·06	-·19	44	40	- 6	S	4	m	*	b	*	49	35	0·02
	Cambridge ...	29·20	38	SW	2	b	29·11	-·11	39	38	- 12	S	1	c	*	c.b	1·9	52	32	0·01
	Yarmouth ...	29·18	43	WSW	2	c	29·19	-·07	42	40	- 4	SSW	3	or	4	c	*	49	34	0·06
GERMANY & HOLLAND.	Cuxhaven ...	29·44	34	SE	5	0	29·38	-·24	33	32	- 2	SE	3	f	*	0	*	35	21	-
	Berlin	29·58	34	SE	5	0	29·51	-·23	31	30	- 2	SE	2	0	*	0	*	36	30	-
	Wiesbaden ...	*	*	*	*	*	29·52		33	33		W	0	0	*	*	*	37	32	0·16
	Munich... ..	29·50	20	E	2	b	29·54	-·22	35	35	+ 5	SW	5	0	*	b	*	35	16	0·08
	The Helder ...	29·21	38	S	1	r	29·31	-·16	35	34	- 1	S	1	b	1	r	*	41	34	0·91
BELGIUM.	Brussels ...	*	*	*	*	*	29·39	-·15	34	33	- 7	SSE	3	b	*	r	*	42	33	0·47
	Cape Gris Nez...	29·26	44	SW	6	0	29·25	-·11	37	38	- 10	SSW	5	0	5	0	*	52	37	0·59
	Paris	29·38	45	NW	3	r	29·43	-·14	34	33	- 9	SSW	2	b	*	r	*	52	33	0·43
	Brest	29·45	48	NW	6	c	29·21	-·24	49	45	- 3	W	4	c	4	c	*	54	41	0·28
	Lorient... ...	29·46	48	NW	6	bc	29·28	-·23	48	44	- 4	W	6	bc	6	bc	*	54	39	0·24
FRANCE &	Rochefort ...	29·54	50	NW	6	c	29·53	-·20	48	44	- 7	W	5	0	*	c	*	?	43	0·39
	Belfort	29·41	34	W	1	r	29·56	-·20	35	34	+ 4	W	1	m	*	r	*	40	?	0·28
	Lyons ...	29·51	40	NSW	1	r	29·60	-·20	33	31	- 3	SW	1	b	*	r	*	36	?	0·32
	Nice	29·54	44	E	1	bc	29·50		44	41		W	0	0	2	bc	*	54	39	0·08
	Perpignan ...	29·60	55	NW	4	r	29·62		46	41		W	2	b	*	r	*	64	44	0·08
	Biarritz ...	29·73	55	WNW	7	r	29·56	-·28	48	43	- 9	SW	6	c	7	rl	*	63	45	0·51
PENINSULA.	Corunna ...																*			
	Lisbon	30·05	55	NW	3	0	29·84		53	49		WNW	4	0	*	0	*	61	52	0·08
	Azores (P. Delgada)	30·45	57	NNE	4	b	30·35	-·16	57	55	- 2	NNW	3	c	2	b	*	64	54	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

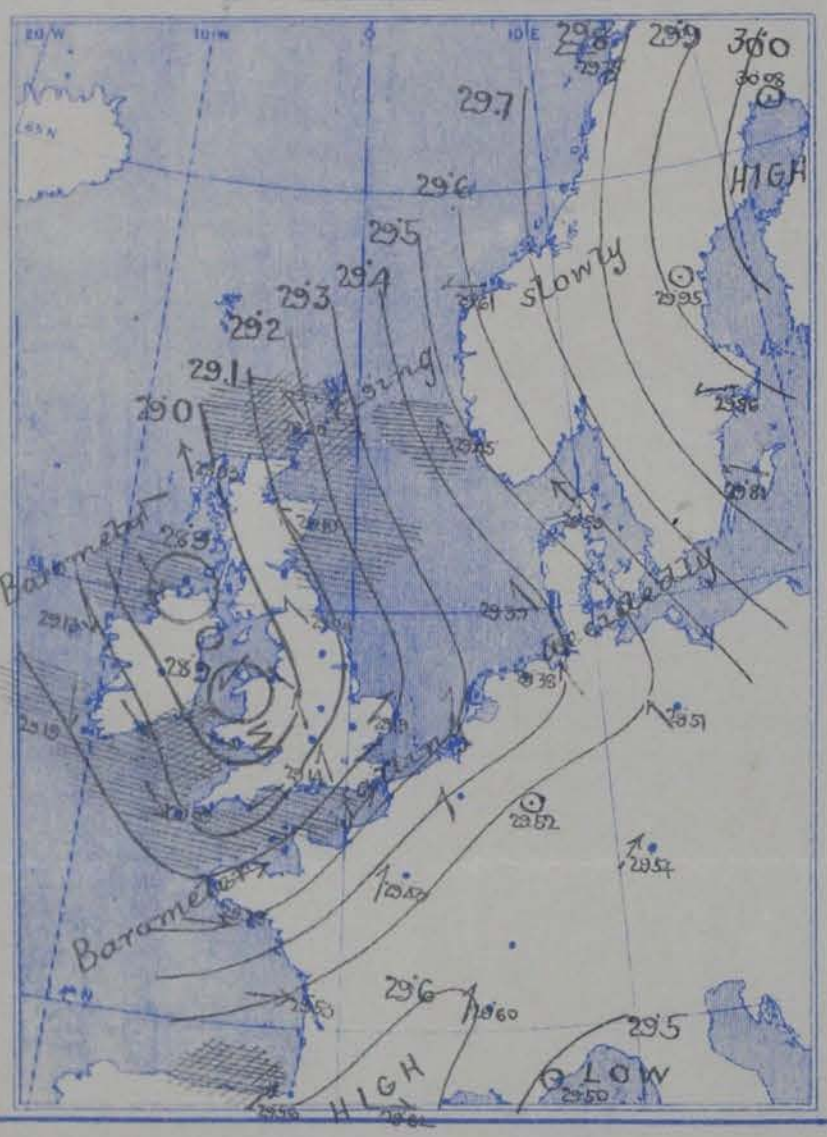
Eastbourne :—*Sunshine yesterday 0·1 hr.*

WEATHER CHARTS

FOR Monday, 16th December, 1895

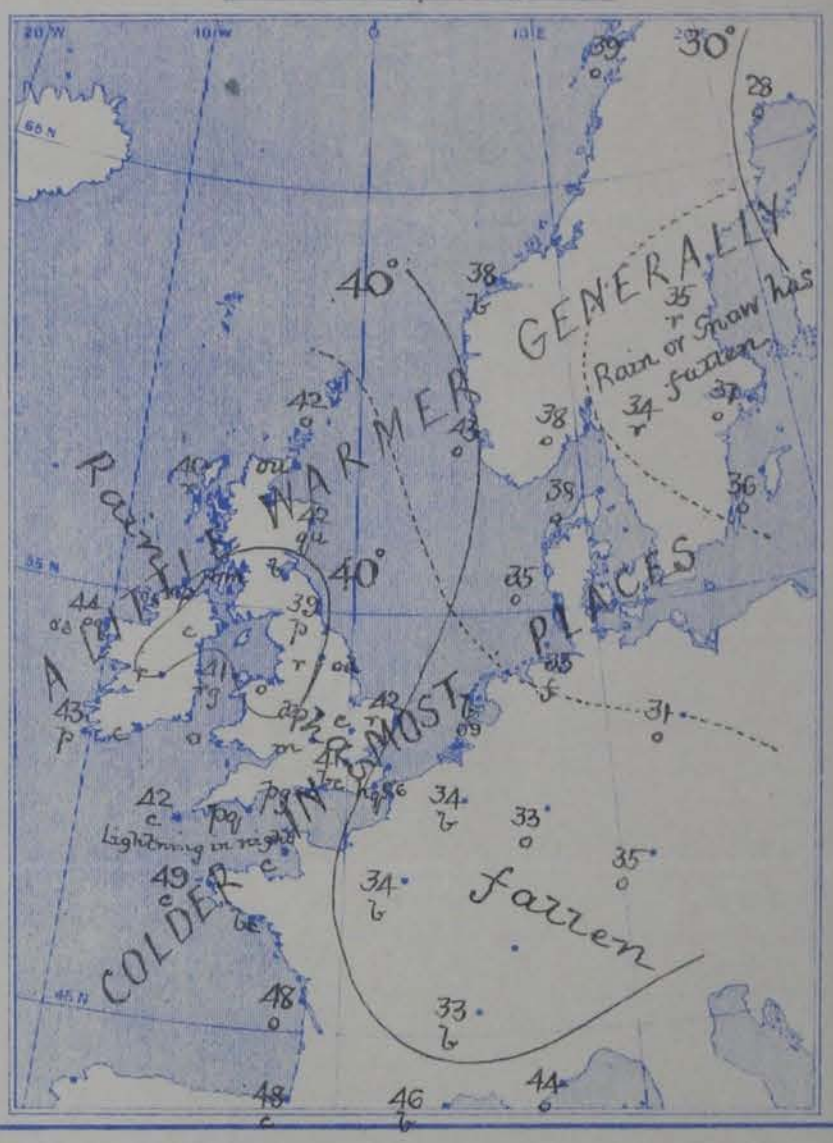
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

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Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
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Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
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Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·62	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	37·1	21
Hunstanton	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	2·60	—	—
LONDON	29·954	37·8	36·7	44·0	32·6	2·10	19·4	[illegible]
Oxford	29·955	37·0	35·9	42·9	32·3	2·10	37·4	19
Cambridge	29·941	36·2	35·5	42·8	31·8	1·88	[illegible]	[illegible]
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·00	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and more to 29·8 in: over Sweden, and about 29·6 in: over the northeast of Spain.
Lowest, below 29·0 in: over our northwestern districts generally, and below 28·9 in: in two minima – one off the west of Scotland, the other over North Wales.
Gradients somewhat steep for SE$^{\rightarrow}$ and S$^{\rightarrow}$ winds in the east, and for N$^{\rightarrow}$ in the west.
Barometer rising both in Ireland, Scotland, and in the north of Scandinavia, falling markedly over Great Britain, and falling rather briskly over Germany and France.

TEMPERATURE

Highest, 53° at Lisbon, 49° to 48° along the west coast of France, 47° at Hurst Castle, and exceeding 40° at our south coast stations generally.
Lowest, (1) 28° at Haparanda, 34° at Karlstad. (2) 31° at Berlin, 33° at Wiesbaden, 34° at Paris; (3) 33° at Donaghadee, 37° at York, 39° at Cambridge.
The changes continue to be very frequent and sudden; at present the tendency is to decrease in most places.

WIND

E$^{\rightarrow}$ in the south of Sweden, SE$^{\rightarrow}$ over the North Sea and Scotland, S$^{\rightarrow}$ over the eastern half of England, but NW$^{\rightarrow}$ to N$^{\rightarrow}$ over Ireland, South Wales, and the southwest of England. It is strong on most parts of our coasts.
Strong W$^{\rightarrow}$ gales have been felt on our southwestern coasts and in some parts of the Channel.

WEATHER

Very changeable and unsettled in all parts of our Islands, with rain at times, and hail at Dungeness, much fairer over France and the Netherlands.
Rain has fallen in all parts of our Islands and France, and both at our northwestern stations and in the Netherlands the falls have been heavy. Lightning was seen last night in the southwest of England. Bright Sunshine London None, Eastbourne 0·1 hr, Scilly & Cambridge about 2 hours each.

SEA

Very rough on our southwestern coasts, and considerably disturbed in many places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is very complex, and indicative of further and considerable falls of rain. The decided rise of the barometer in Ireland, however, appears to show that the N$^{\rightarrow}$ and NW$^{\rightarrow}$ winds in the west will spread over England for a time and bring about a fall of temperature.

FORECASTS

For the 24 hours ending at NOON on 17th DEC. 1895.

DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH ↑ 1 SCOTLAND EAST	SE$^{\rightarrow}$ winds, strong to a gale, with much rain.
↑ 2 ENGLAND N.E.	SE$^{\rightarrow}$ to S$^{\rightarrow}$ winds; rainy, unsettled.
↑ 3 ENGLAND EAST 4 MIDLAND COUNTIES ↑ 5 ENGLAND SOUTH	S$^{\rightarrow}$ and SW$^{\rightarrow}$ winds, strong; squally, rain at times.
6 SCOTLAND WEST 7 ENGLAND N.W.	Very Variable winds; unsettled, rain at times.
↑ 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	NW$^{\rightarrow}$ and N$^{\rightarrow}$ winds; showery, colder.
WARNINGS	The SOUTH CONE is still up in districts 0 to 3, with 5 and 7; lowered elsewhere.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Shetlesnes ...	29.40	41	38	SSE	8	0	6
Wanborough Head							
Stornoway	28.99	40	37	SE	3	0	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	28.83	37	37	NNE	2	0	4
Belmullet	28.84	43	41	W	3	0	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.37	49	43	W	6	bc	4
Hurst Castle ...							
Dungeness ...	29.24	45	44	WSW	3	c	2
North Foreland	29.26	46	44	WSW	2	0	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.59	53	51	WNW	6	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 8TH TO THE 14TH DEC.

The weather of last week remained very changeable, with frequent falls of rain in most districts, and with strong gales on nearly all parts of our coasts.

Barometrical pressure was as a rule highest over France or Spain, and lowest in a series of cyclonic systems, which advanced over our extreme northern coasts from the Atlantic: In the course of the week three well defined depressions were observed.

The first advanced to the north of Scotland between the 8th and 9th, and subsequently passed eastwards across the North Sea to the southern parts of Scandinavia. During its progress rain fell over Western Europe generally, with strong SW to W winds on our western coasts, followed in the rear of the disturbance by a gale from the NW in the extreme north of Scotland. During a quiet interval which occurred on the 11th a good deal of fog was experienced over England.

The second advanced rapidly to our northern coasts early on the 12th. Later in the day the main disturbance moved northeastwards and apparently broke up, but a well marked secondary depression was developed over the northern parts of Great Britain, the latter system eventually becoming very deep, and moving, first in an easterly direction to the North Sea, and afterwards southeastwards to Germany, where it rapidly dispersed. The progress of the depressions (main and secondary) were attended by strong gales in nearly all coasts, from SW. veering to NW, and by heavy rain in Scotland, followed by snow showers over the northern parts of Great Britain generally. Thunder and lightning occurred over various parts of the Kingdom on the 12th.

The third depression advanced to the northwest of Scotland early on the 14th. The disturbance was less deep than its predecessors, but occasioned very strong SW to W winds on our western and northern coasts, and decided falls of rain in most parts of the country.

The changes in temperature were frequent and often very sudden. Sharp frost occurred in many parts of the Kingdom on the nights of the 8th & 10th and slight frost on the 12th & 13th, but in many cases the day temperatures were high for the time of year. On our west and southwest coasts the thermometer frequently exceeded 50°.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 17th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb.	Wet Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·11	32	L	0	0	30·07	− ·01	32	31	+ 4	S	2	0	*	0	*	34	25	0·12
	Hernösand ...	30·08	34	L	0	f	30·13	+ ·18	35	35	0	L	0	f	*	f	*	36	32	—
	Stockholm ...	29·99	38	E	2	0	30·12	+ ·26	37	37	0	ESE	2	f	*	0	*	38	34	—
	Wisby	29·94	38	SE	4	0	30·08	+ ·27	37	36	+ 1	SE	4	0	*	0	*	38	32	—
	Karlstad ...	29·88	28	E	4	0	30·04	+ ·23	37	36	+ 3	E	2	0	*	0,r	*	*	*	0·04
	Bodö	29·89	36	E	2	bc	29·92	+ ·17	39	37	0	ENE	2	0	1	bc	*	39	32	—
	Christiansund ...	29·75	40	SE	3	bc	29·91	+ ·30	37	36	− 1	ESE	1	b	3	bc	*	40	37	—
	Skudesnaes ...	29·68	43	SSE	6	0	29·88	+ ·43	42	39	− 1	E	4	r	4	0	*	44	39	*
	Færder (Christiania Fjord)	29·81	38	NE	3	0	29·96	+ ·26	38	37	0	ENE	3	r	2	0	*	38	37	0·47
	Skagen (The Scaw)	29·75	41	SE	4	r	29·95	+ ·36	40	39	+ 2	SE	3	0	1	r	*	41	36	0·24
	Fano	29·66	34	SE	3	0	29·77	+ ·38	34	34	− 1	ENE	2	0	*	0	*	36	32	—
BRITISH ISLANDS.	Sumburgh Head	29·43	42	SE	6	0	29·80	+ ·60	42	41	0	SE	1	0	5	0	*	44	40	0·01
	Stornoway ...	29·25	41	ESE	4	b	29·69	+ ·70	44	43	+ 4	SSW	4	bc	4	b	2·7	44	39	0·15
	Wick	29·31	43	S	7	0	29·69	+ ·62	45	44	+ 1	S	7	0	6	op	*	45	42	0·12
	Nairn	29·21	39	ESE	1	bc	29·64	+ ·56	41	39	0	E	1	c	1	bc	*	43	36	0·03
	Aberdeen ...	29·25	43	ESE	9	0	29·71	+ ·64	43	41	+ 1	SE	5	cq	7	p,bc,ogg	1·0	44	40	0·34
	Leith	29·12	43	WNW	1	0	29·57	+ ·56	42	40	+ 7	E	1	b	*	0	*	44	33	—
	Shields	29·12	43	SE	4	0	29·58	+ ·54	43	42	+ 4	SE	3	r	3	cp,0	*	44	37	0·03
	Spurn Head ...	29·20	42	SE	5	bc	29·58	+ ·51	43	42	+ 3	SE	4	c	4	o,bc	*	43	39	0·01
	York	29·09	43	SE	2	0	29·59	+ ·56	42	41	+ 5	ESE	1	0	*	0	*	43	36	0·05
	Loughborough ...	29·14	41	SE	1	p	29·51	+ ·49	40	40	0	SE	2	omp	*	c,o,c,op	*	45	34	0·04
	Ardrossan ...	29·08	39	NE	2	rm	29·55	+ ·59	41	40	+ 2	NE	3	om	2	om,rm	*	41	39	0·04
	Malin Head ...	29·01	39	S	2	bp	29·48	+ ·60	41	40	− 2	SE	3	op	3	o,bp	*	43	39	0·44
	Belmullet ...	29·11	44	WNW	4	om	29·48	+ ·35	38	37	− 6	ENE	3	0	*	bcp,om	*	45	38	0·16
	Donaghadee ...	29·06	42	E	3	c	29·46	+ ·53	43	42	+ 10	SE	5	c	3	c	*	43	33	0·10
	Liverpool (Bidston)	29·05	42	S	2	0	29·49	+ ·59	37	36	− 1	ESE	2	m	?	omp	*	42	35	0·07
	Holyhead ...	29·03	43	N	4	bcp	29·44	+ ·36	38	37	− 3	E	2	bc	1	am,bp	*	43	36	0·28
	Parsonstown ...	29·13	40	NW	1	0	29·41	+ ·36	35	34	− 5	L	0	0	*	0	0·9	43	34	0·03
	Valencia ...	29·27	46	NNW	4	chq	29·33	+ ·14	41	39	− 2	ENE	4	bc	5	bchpq	0·8	47	40	0·28
	Roche's Point ..	29·22	42	WNW	4	b	29·36	+ ·25	40	39	− 2	SSE	2	bc	4	b,p	*	46	36	0·10
	Pembroke (St. Ann's Hd.)	29·14	43	WNW	4	bc	29·38	+ ·41	42	42	− 2	SE	4	bc	5	bc	0·0	45	41	0·11
	Scilly	29·20	47	NNW	5	cp	29·33	+ ·24	44	41	− 3	E	2	c	5	cp	2·5	49	41	0·04
	Prawle Point ...	29·21	40	WNW	3	bc	29·34	+ ·26	40	39	− 4	E	4	r	3	bc,r	*	47	36	0·29
	Jersey (St. Aubin's)	29·25	45	W	3	cp	29·38	+ ·16	45	43	− 1	SE	6	ogw	5	o,ohp,g	*	50	43	0·18
	Hurst Castle ...	29·20	46	S	2	cp	29·41	+ ·30	46	44	− 1	SSE	3	cp	2	cp	*	48	46	0·32
	Dungeness ...	29·28	45	S	6	oq	29·49	+ ·30	44	43	− 1	SE	5	c	4	oq	*	47	36	0·05
	North Foreland	29·28	43	S	5	oq	29·55	+ ·34	43	42	0	SE	4	0	5	oq	*	46	35	0·04
	London (Brixton) ...	29·22	41	SSW	3	c	29·52	+ ·38	41	40	0	ESE	1	bc	*	cp	0·2	44	40	0·36
	Oxford	29·23	41	S	2	0	29·49	+ ·43	41	41	0	ESE	2	c	*	bc,o,r	*	46	35	0·04
	Cambridge ...	29·23	41	S	3	bc	29·55	+ ·44	41	41	+ 2	SE	3	omq	*	bc	0·3	44	37	0·02
	Yarmouth ...	29·28	43	S	5	cq	29·59	+ ·40	43	41	+ 1	SE	4	c	4	cp,cq	*	44	40	0·04
GERMANY & HOLLAND.	Cuxhaven ...	29·59	34	SSW	1	0	29·75	+ ·37	34	33	+ 1	E	2	f	*	0	*	36	33	—
	Berlin	29·67	34	SE	3	0	29·79	+ ·28	28	27	− 3	ESE	4	0	*	0	*	36	27	—
	Wiesbaden ...	*	*	*	*	*	29·71	+ ·19	35	34	+ 2	NE	1	0	*	*	*	37	30	—
	Munich... ..	29·62	33	E	3	0	29·69	+ ·15	30	30	− 5	L	0	f	*	0	*	37	30	0·04
	The Helder ...	29·50	36	SSW	1	b	29·68	+ ·37	34	34	− 1	E	1	b	1	b	*	39	34	—
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	29·62	+ ·23	37	35	+ 3	ESE	1	c	*	b	*	40	33	—
	Cape Gris Nez...	29·28	39	SSW	5	0	29·47	+ ·22	39	38	0	S	2	c	2	o	*	45	36	—
	Paris	29·42	41	SSE	2	0	29·53	+ ·10	39	38	+ 5	SE	2	0	*	o	*	41	34	—
	Brest	29·22	46	NW	2	0	29·34	+ ·13	40	39	− 9	NE	2	c	3	o	*	49	37	0·32
	Lorient... ...	29·26	46	NW	4	c	29·29	+ ·01	45	41	− 3	L	0	0	6	c	*	50	39	?
	Rochefort ...	29·46	47	SSW	4	0	29·43	− ·10	45	44	− 3	SSE	6	0	*	o	*	52	41	0·59
	Belfort	29·54	36	E	2	b	29·63	+ ·07	33	33	− 2	E	3	0	*	b	*	43	32	—
	Lyons	29·55	41	S	1	bc	29·62	+ ·02	34	32	+ 1	SSE	1	bc	*	bc	*	47	34	—
	Nice	29·56	43	N	1	bc	29·67	+ ·17	39	38	− 5	NE	2	c	3	bc	*	50	37	0·16
	Perpignan ...	29·56	46	SW	1	c	29·53	− ·09	41	41	− 5	W	1	0	*	c	*	55	36	0·04
	Biarritz ...	29·46	49	SW	4	b	29·44	− ·12	47	42	− 1	S	4	bc	7	b	*	54	45	—
PENINSULA.	Corunna ...																*			
	Lisbon	29·73	50	NW	2	b	29·63	− ·21	50	48	− 3	SSW	2	bc	*	b	*	57	46	0·16
	Azores (P. Delgada)	30·26	57	?	4	b	30·25	− ·10	55	51	− 2	NNW	3	bc	2	b	*	63	54	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine yesterday 1·0 hr.

WEATHER CHARTS

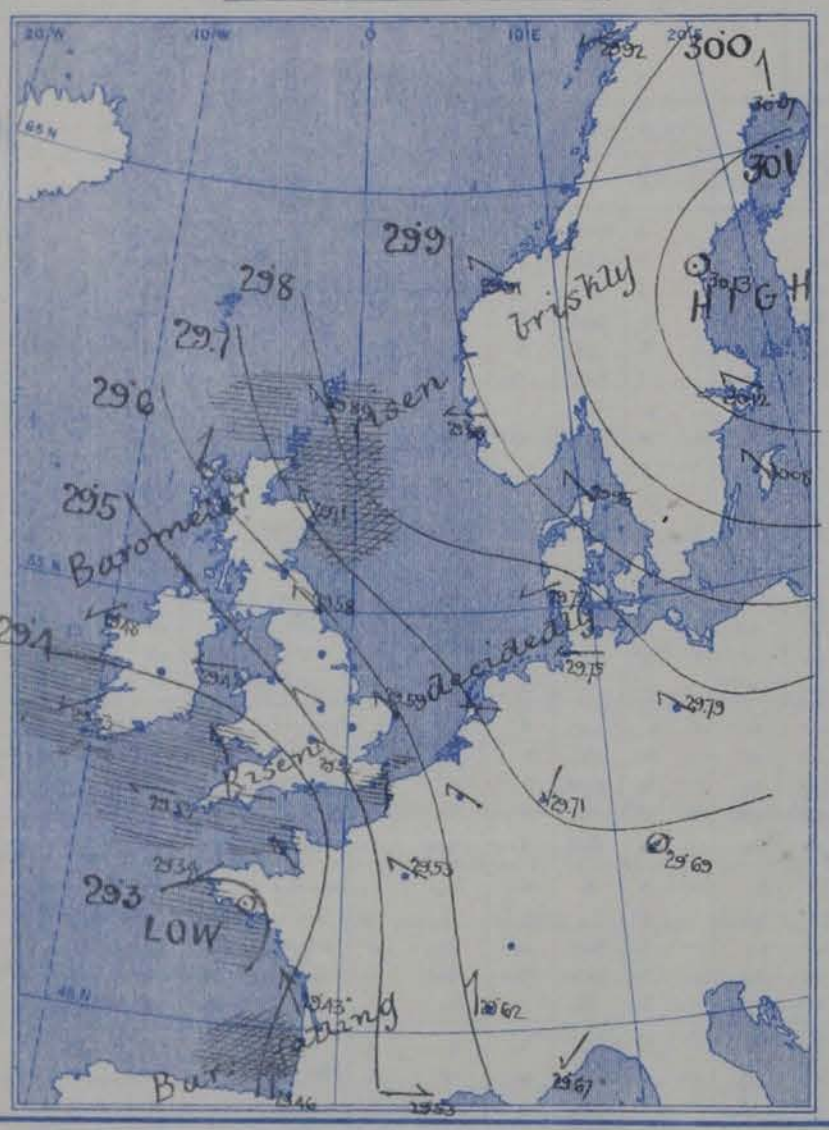
FOR Tuesday, 17th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙

SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·4	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over and to the eastward of Sweden.
Lowest 29.3 ins. and less in a shallow depression over the northern part of the Bay of Biscay.
Gradients slight. Barometer rising generally, but falling a little in the southwest of France.

TEMPERATURE

Highest 50° at Lisbon, 47° at Biarritz, 46° at Hurst Castle, 45° at Jersey, Lorient and Rochefort, & 44° at Scilly.
Lowest (1) 28° at Berlin, 30° at Munich, and 33° at Belfort, (2) 32° at Haparanda, and 35° at Hernösand, (3) 35° at Parma.
The maxima registered yesterday were below 45° on all but our extreme south and southwest coasts where the thermometer rose to between 46° and 50°.

WIND

Moderate to fresh from the SE. wd. or E. wd. over western Europe generally, but from the W. wd. in the N. of Scotland.
Variable in the south of France.
A strong gale from the W. wd. or SE. wd. was experienced yesterday in the N. of Scotland.

WEATHER

Cloudy or overcast generally, with showers in a few places, and with fog at some of the Swedish stations.
Fine over the St. George's Channel and the south of Ireland.
Rain fell yesterday in nearly all parts of the United Kingdom, the largest amounts being 0.4 inch at Malin Head and in London.

SEA

High at Aberdeen and also at Biarritz, rough or rather so on our SW. coasts and in the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depressions which lay over the northwestern parts of our Islands yesterday have entirely disappeared, and a large area of high pressure is now spreading over us from Scandinavia. E. by and SE. by winds seem likely to prevail for a time, with drier and colder weather.

FORECASTS

For the 24 hours ending at NOON on 18TH DEC. 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	SE. by winds moderating gradually, some showers at first then fair.	6 SCOTLAND WEST 7 ENGLAND N.W.	E. by winds, light, fair generally, some fog or mist.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No. 5.	8 ENGLAND S.W.	E. by winds moderate, some showers at first then fair.
5 ENGLAND SOUTH	SE. by winds moderate, fair generally, colder.	9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 6 and 7
		WARNINGS	At 10.20 am. today to districts 0 to 3, 5 and 8. Lower Cone.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.54	44	39	SE	6	o	4	Valencia	29.25	45	41	NNW	5	bcp	6
Sumburgh Head	29.33	43	42	SE	6	o	7	Scilly	29.15	47	44	WNW	5	cp	5
Stornoway	29.11	43	41	ESE	4	b	5	Jersey	29.21	50	46	SW	5	c	5
Aberdeen	29.18	42	39	SE	6	bcq	6	Hurst Castle ...	29.14	48	45	WSW	1	cp	2
Shields	29.06	41	40	S	3	cp	3	Dungeness ...	29.22	46	44	SSW	6	o	5
Ardrossan	29.03	40	40	NE	2	om	1	North Foreland	29.23	45	43	S	5	o	4
Malin Head ...	28.98	43	41	W	3	o	4	London (Westminster)	29.16	46	43	SSW	3	c	*
Belmullet	29.15	45	41	NNW	4	bcp	*	Yarmouth ...	29.21	43	41	S	5	cp	4
Holyhead	28.91	43	42	WNW	4	dm	3	Rochefort ...	29.43	50	46	W	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled over Ireland and England, and also in the north of Scotland, with rain or passing showers in many places; fine in the east of Scotland. Fine over the Netherlands and the north of France, but dull in nearly all other parts of the Continent, with rain at some of the Swedish stations, as well as in the central parts of Spain and Italy; snow falling at Ulecaborg. Rain falling during day over the United Kingdom generally, as well as in the west and south of France and hail on some parts of our southwest coasts.

Temperature risen in Ireland and Scotland and also in Sweden and Italy; fallen in most other countries. Morning reading highest 62° at Oran, 60° at Algiers and Malta, and 59° at Palermo; above 50° at the Mediterranean stations generally, and above 45° over the English Channel and Bay of Biscay. Lowest 3° at Kharkov, 10° at Moscow, 11° at Archangel, and 14° at St. Petersburg, below the freezing point in many parts of Germany and Austria. Daily maxima over our Islands below 45° on all but our south and southwest coasts; thermometer rising to 50° and upwards in the west and south of France, and reaching 57° at Lisbon.

Wind strong from the NW. in the southwestern parts of the United Kingdom, from the NW. in the west of France and from the SW. over the English Channel; moderate from the S. in the east of England; SE. over the northern parts of Gt. Britain, and also over all the more northern and central parts of the Continent. S. or SW. in Italy. Subsequently increasing to a strong gale from the SE. in the northeast of Scotland; wind moderating on our extreme west and southwest coasts.

Barometer highest 30.3 ins. and upwards in an anticyclone over N. Russia. Lowest 28.9 ins. and less in two well marked depressions,—one lying off the north of Ireland and the other over N. Wales; 29.5 ins. and less in a shallow disturbance over the Gulf of Genoa. Depressions over our Islands subsequently moving westward and steadily filling up, barometer rising generally and northern high pressure system extending E. and SE.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 18th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.98	33	NSW	2	0	30.09	+.02	31	31	-1	SW	2	0	*	0	*	34	30	-
	Hernösand ...	30.13	35	S	2	b	30.21	+.08	26	25	-9	Z	0	b	*	b	*	36	?	-
	Stockholm ...	30.23	36	ESE	2	0	30.28	+.16	31	30	-6	ESE	2	c	*	0	*	37	31	-
	Wisby	30.19	32	SE	4	b	30.25	+.17	27	27	-10	SE	4	0	*	b	*	37	?	-
	Karlstad ...	30.16	36	SE	2	0	30.24	+.20	35	33	-2	ENE	2	0	*	0	*	*	*	0.04
	Bodö	30.00	38	ENE	2	0	30.15	+.23	37	36	-2	E	2	0	1	0	*	41	36	-
	Christiansund ...	30.08	42	NSW	2	0	30.16	+.25	41	38	+4	Z	0	0	3	0	*	43	37	-
	Skudesnaes ...	30.03	42	ENE	1	c	30.08	+.20	41	39	-1	Z	0	c	2	o, c	*	43	39	*
	Færder (Christiania Fjord)	30.13	39	NNE	3	0	30.15	+.19	37	37	-1	NE	2	0	1	0	*	39	?	0.04
	Skagen (The Scaw)	30.06	39	ESE	2	0	30.13	+.18	37	35	-3	ESE	2	c	1	0	*	41	37	-
	Fanö	29.90	37	E	4	0	29.96	+.19	36	35	+2	E	4	0	*	0	*	37	34	-
BRITISH ISLANDS.	Sumburgh Head	29.92	43	ESE	1	c	30.02	+.22	43	43	+1	SE	3	r	4	c, o	*	44	39	0.04
	Stornoway ...	29.80	44	SSE	4	b	29.92	+.29	40	38	-4	SE	3	b	3	b	3.5	46	35	-
	Wick	29.85	43	E	4	0	29.92	+.23	43	42	-2	S	3	0	3	0	*	45	41	0.05
	Nairn	29.84	38	E	1	b	29.95	+.31	34	34	-7	Z	0	0	1	b	*	42	32	-
	Aberdeen ...	29.88	42	SE	2	og	29.93	+.22	41	40	-2	*ENE	2	o g r	4	c g p o g	0.0	44	39	0.02
	Leith	29.79	43	SE	2	c	29.86	+.29	41	40	-1	Z	0	0	*	c	*	44	36	-
	Shields	29.78	44	E	4	0	29.83	+.25	42	40	-1	ENE	4	0	3	c. op	*	46	40	0.01
	Spurn Head ...	29.73	43	E	5	b	29.79	+.21	40	39	-3	ESE	3	0	3	b	*	44	39	-
	York	29.74	43	E	1	0	29.82	+.23	40	39	-2	E	1	0	*	0	*	45	37	0.02
	Loughborough ...	29.69	41	E	3	0	29.78	+.27	30	30	-10	NE	1	f	*	c. o g m, b	*	43	29	-
	Ardrossan ...	29.76	41	NE	2	om	29.86	+.31	40	39	-1	NE	3	o f	1	om.	*	44	36	-
	Malin Head ...	29.69	43	ESE	4	cm	29.82	+.34	41	39	0	SE	3	o m	2	b, cm	*	44	40	-
	Belmullet ...	29.64	43	E	2	b	29.80	+.32	39	38	+1	ENE	2	0	*	b	*	43	37	-
	Donaghadee ...	29.71	46	ESE	5	c	29.81	+.35	43	43	0	E	5	c	3	c	*	46	40	-
	Liverpool (Bidston)	29.69	43	E	3	0	29.79	+.30	36	34	-1	ENE	1	f	?	or. f	*	43	35	0.02
	Holyhead ...	29.65	41	E	4	bc	29.73	+.29	39	37	+1	ENE	4	b	3	b c	*	43	36	-
	Parsonstown ...	29.61	35	Z	0	b	29.73	+.32	39	37	+4	Z	0	0	*	b	5.6	42	32	-
	Valencia ...	29.58	42	ENE	2	b	29.69	+.36	37	35	-4	NE	2	b	2	b	4.8	47	35	-
	Roche's Point ..	29.56	42	ENE	3	b	29.67	+.31	41	39	+1	ENE	3	bc	4	b	*	46	39	-
	Pembroke (St. Ann's Hd.)	29.55	40	E	3	b	29.61	+.23	41	40	-1	E	4	o g	4	o, b	0.0	44	39	-
	Scilly	29.37	46	ENE	5	r	29.48	+.15	47	44	+3	ENE	4	c	5	bc. r	4.6	49	40	0.48
	Prawle Point ...	29.45	45	ESE	4	r	29.57	+.23	45	43	+5	ESE	4	p	4	r g	*	46	39	1.04
	Jersey (St. Aubin's)	29.43	45	ESE	5	rm	29.59	+.21	46	44	+1	E	4	o	4	o. rm	*	46	43	0.19
	Hurst Castle ...	29.54	45	E	3	o	29.62	+.21	44	43	-2	E	4	p	2	o	*	47	44	0.24
	Dungeness ...	29.61	43	E	4	o	29.67	+.18	40	39	-4	ENE	4	c	3	bc, o	*	48	40	0.01
	North Foreland	29.64	43	SE	4	b	29.73	+.18	45	41	+2	ESE	4	c	3	b	*	45	39	-
	London (Brixton) ...	29.64	43	E	2	o	29.71	+.19	40	38	-1	E	3	o g	*	cf. o, b	0.0	44	38	-
	Oxford	29.66	41	E	2	o	29.72	+.23	37	36	-4	E	2	o	*	c, o	*	44	37	-
	Cambridge ...	29.69	39	E	1	b	29.77	+.22	32	32	-9	E	1	b m	*	o, b	0.1	46	30	-
	Yarmouth ...	29.68	42	E	4	bc	29.78	+.19	40	37	-3	E	4	c g	4	c	*	43	37	-
GERMANY & HOLLAND.	Cuxhaven ...	29.83	35	SE	3	f	29.92	+.17	34	33	0	E	3	o	*	f	*	36	?	-
	Berlin	29.87	30	Z	0	bc	29.95	+.16	33	33	+5	SE	3	o	*	bc	*	34	28	-
	Wiesbaden ...	*	*	*	*	*	29.85	+.14	34	33	-1	E	2	o	*	*	*	37	34	-
	Munich... ..	29.76	31	E	2	b	29.82	+.13	27	27	-3	E	2	o	*	b	*	34	25	-
	The Helder ...	29.78	39	E	2	f	29.85	+.17	31	30	-3	E	1	f	1	f	*	37	30	-
BELGIUM.	Brussels ...	*	*	*	*	*	29.79	+.17	31	30	-6	ESE	1	b	*	b	*	40	29	-
	Cape Gris Nez...	29.57	38	SSE	2	c	29.65	+.18	34	34	-5	E	1	m	1	c	*	45	32	-
	Paris	29.60	41	ESE	2	b	29.65	+.12	32	31	-7	ESE	2	b	*	b	*	45	30	-
	Brest	29.39	46	NW	1	c	29.51	+.17	44	42	+4	ESE	3	c	5	c	*	48	37	0.24
	Lorient... ...	29.40	45	SSW	4	c	29.51	+.22	44	43	-1	ESE	4	c	5	c	*	50	39	-
FRANCE &	Rochefort ...	29.57	46	WNW	5	c	29.61	+.18	43	41	-2	SSE	5	c	*	c	*	55	41	0.32
	Belfort	29.67	32	E	3	b	29.79	+.16	27	27	-6	E	2	m	*	b	*	39	27	-
	Lyons	29.69	37	SSE	1	b	29.75	+.13	33	32	-1	N	1	c	*	b	*	44	31	-
	Nice	29.67	38	NE	4	0	29.76	+.09	41	36	+2	ENE	4	0	1	0	*	45	34	0.24
	Perpignan ...	29.61	44	NE	2	0	29.62	+.09	39	39	-2	W	1	0	*	0	*	60	38	0.04
	Biarritz ...	29.50	51	SSW	4	bc	29.50	+.06	42	41	-5	SE	3	b	4	bc	*	57	41	-
PENINSULA.	Corunna ...																*			
	Lisbon	29.56	48	NW	3	b	29.63	.00	46	45	-4	NNW	3	r	*	b	*	55	46	0.24
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

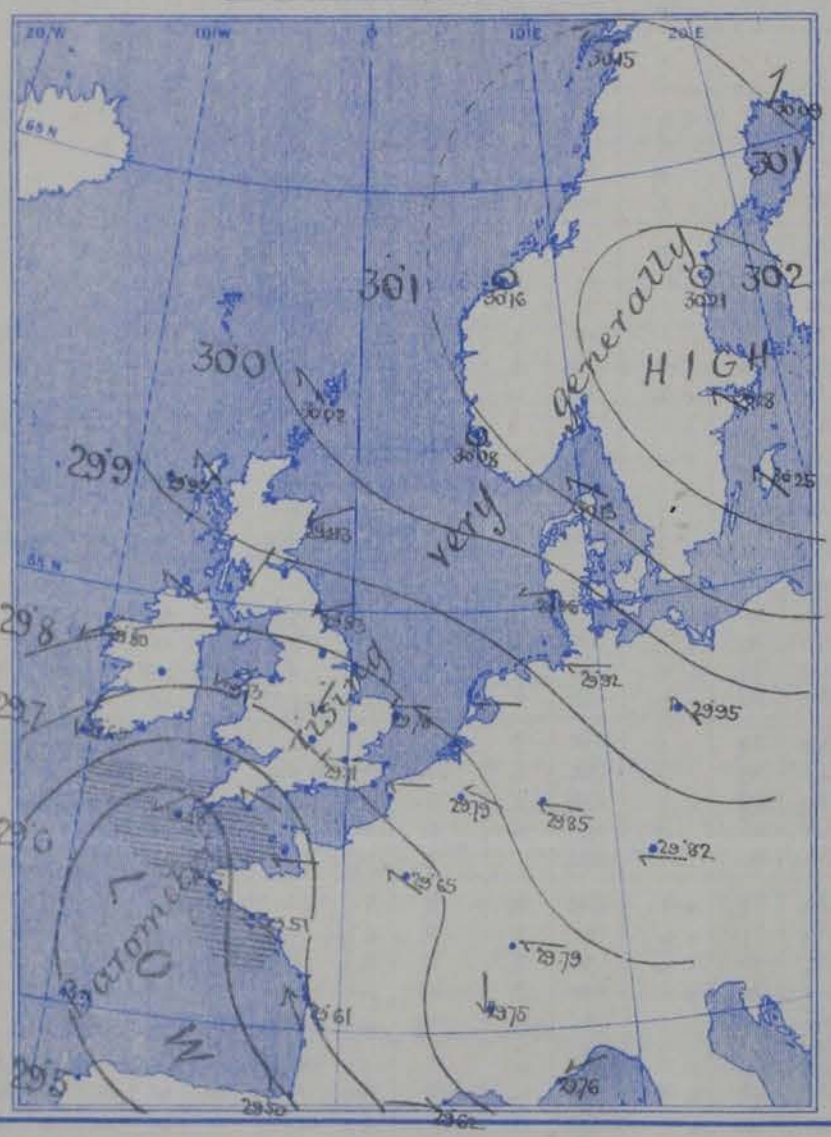
Eastbourne;— Sunshine yesterday 0.0.

WEATHER CHARTS

FOR Wednesday 18th December 1895.

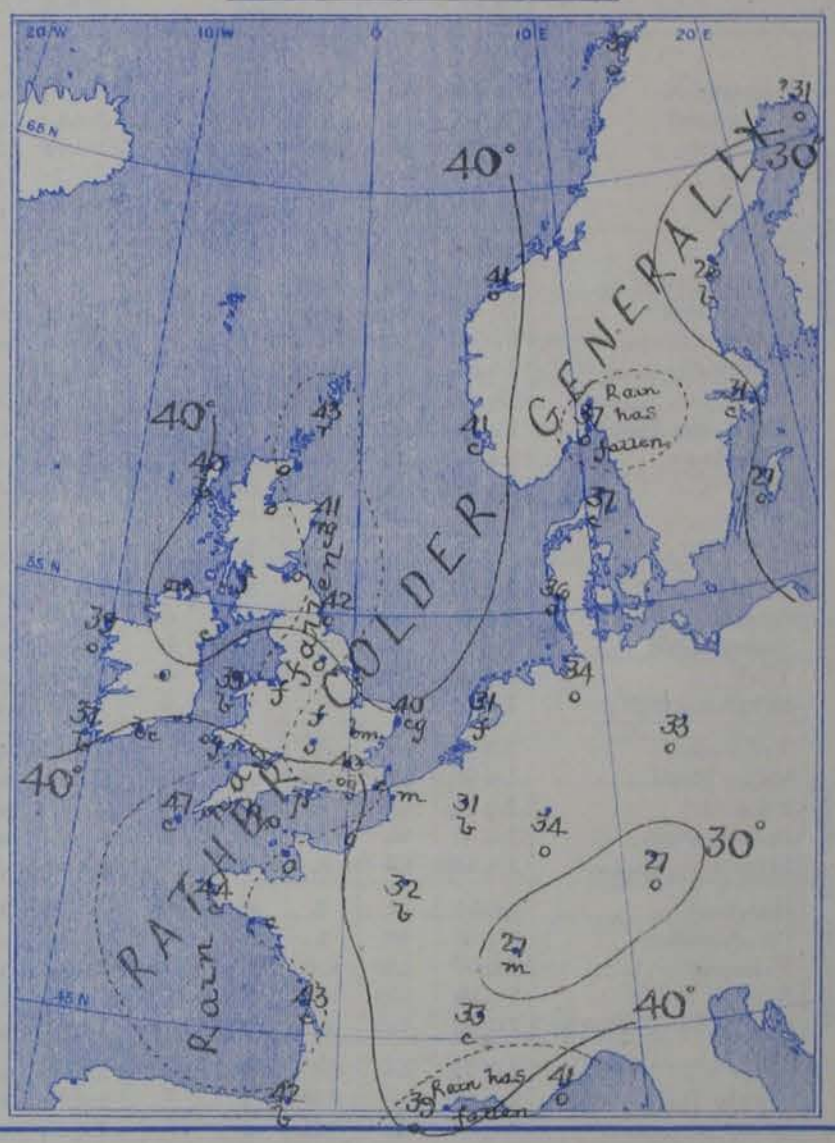
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·70	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·944	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in. and upwards, in an anticyclone lying over Sweden.
Lowest, 29·5 in. and less, in a shallow depression lying over the Bay of Biscay and the mouth of the English Channel.
Gradients slight. Barometer rising generally.

TEMPERATURE

Highest, 47° at Scilly, 46° at Jersey and Lisbon, 45° at Prawle Point and the North Foreland, and 44° at Hurst Castle, Brest and Lorient.
Lowest, (1) 26° at Hereford, and 27° at Nairn; (2) 27° at Belfast and Munich, and 31° at Phurnis and the Helder (3) 30° at Loughborough and Cambridge.
Frost occurred last night at many of our inland stations; at Loughborough the thermometer on the grass fell to 22°.

WIND

E over Western Europe generally, but SE on our extreme north and northwest coasts, as well as in the west and north of France.
Light or moderate in force at nearly all stations.

WEATHER

Cloudy or overcast generally, with fog over the more central parts of our Islands, showers at some of the Channel stations, and steady rain at Lerwick Head and Aberdeen, as well as at Lisbon.
Fine in the south of Ireland, as well as at some stations in the east and southeast of England.
In the course of the 24 hours showers have fallen at several of our northern stations, and considerable amounts of rain over the Bay of Biscay and western part of the Channel; at Prawle Point there has been as much as an inch.

SEA

Rather rough at the mouth of the Channel, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Scandinavia continues to spread westwards and southwards. There are at present no indications of any material change in the weather, but a decrease in temperature is probable over England.

FORECASTS

For the 24 hours ending at NOON on 19th Decr. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	E and SE winds, moderate; cloudy, rain locally.
2 ENGLAND N.E.	E winds, light; cloudy, local showers.
3 ENGLAND EAST	Same as No. 5
4 MIDLAND COUNTIES	Same as No. 2.
5 ENGLAND SOUTH	E winds, moderate or fresh; cloudy, local showers, colder.
6 SCOTLAND WEST 7 ENGLAND N.W.	E winds, light; fair generally, but local fogs.
8 ENGLAND S.W.	Same as No. 5
9 IRELAND NORTH 10 IRELAND SOUTH	E winds, light or moderate; fair generally.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.98	42	39	ENE	2	o	3	Valencia	29.50	46	43	ENE	1	b	3
Sumburgh Head	29.90	42	41	2	0	c	4	Scilly	29.37	46	44	NE	4	bc	5
Stornoway	29.74	46	44	SE	4	b	4	Jersey	29.39	45	43	E	5	or	5
Aberdeen	29.81	42	40	E	4	cpq	6	Hurst Castle ...	29.49	46	43	ESE	3	o	2
Shields	29.71	45	44	E	3	c	3	Dungeness ...	29.56	45	43	SE	4	bc	4
Ardrossan	29.67	44	43	NE	2	om	1	North Foreland	29.61	44	42	SE	4	bc	3
Malin Head ...	29.60	44	43	SE	5	b	3	London (Westminster)	29.59	46	43	E	2	bef	*
Belmullet	29.57	43	41	E	2	b	*	Yarmouth ...	29.65	43	41	ESE	4	c	4
Holyhead	29.57	42	41	E	3	bem	2	Rochefort ...	29.46	47	46	SW	5	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 19th December, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·30	24	ZNE	0	f	30·29	+·20	28	28	−3	ZNE	0	f	*	f	*	37	14	–
	Hernösand ...	30·34	21	ZNE	0	f	30·37	+·16	17	16	−9	ZNE	0	f	*	f	*	34	17	–
	Stockholm ...	30·38	30	SE	2	0	30·39	+·11	31	29	0	E	2	0	*	0	*	36	28	–
	Wisby	30·34	28	SE	4	0	30·35	+·10	27	26	0	SSE	4	0	*	0	*	28	25	–
	Karlstad ...	30·32	31	E	2	0	30·33	+·09	29	27	−6	E	2	0	*	0	*	*	*	–
	Bodö	30·25	38	ESE	2	0	30·25	+·10	35	32	−2	E	2	b	1	0	*	38	34	–
	Christiansund ...	30·21	37	ESE	1	b	30·20	+·04	38	31	−8	ESE	1	b	3	b	*	41	32	–
	Skudesnaes ...	30·18	36	ZNE	0	b	30·17	+·09	36	32	−5	SE	2	c	2	c.b	*	45	32	*
	Færder (Christiania Fjord)	30·26	32	NNE	2	0	30·28	+·13	31	29	−6	NNE	3	0	2	0	*	37	30	–
	Skagen (The Scaw)	30·23	30	ESE	1	0	30·23	+·10	31	29	−6	ESE	2	0	1	0	*	37	30	–
	Fanö	30·06	34	E	4	0	30·01	+·05	38	32	−3	E	4	c	*	0	*	37	?	–
	Sumburgh Head	30·04	43	ESE	3	0	30·03	+·01	40	38	−3	SE	2	0	5	0	*	44	35	0·03
	Stornoway ...	29·90	40	SE	2	bc	29·89	−·03	40	39	0	SE	2	0	2	bc	0·7	44	37	–
	Wick	29·92	41	S	4	0	29·92	·00	42	41	−1	SE	5	0u	5	0	*	43	40	0·12
	Nairn	29·90	39	ZNE	0	0	29·91	−·04	35	35	+1	ZNE	0	0	1	0	*	40	32	–
	Aberdeen ...	29·95	40	SE	4	ggp	29·98	+·05	37	36	−4	S	1	ogr	4	ogp	0·0	42	37	0·36
	Leith	29·88	42	E	1	0	29·93	+·07	37	36	−4	ZNE	0	om	*	0	*	43	35	0·05
	Shields	29·87	42	E	3	r	29·91	+·08	38	37	−4	NW	2	om	3	o.p	*	43	36	0·06
	Spurn Head ...	29·84	40	E	4	0	29·89	+·10	40	38	0	ESE	3	0	3	0	*	40	38	–
	York	29·86	39	ESE	1	0	29·92	+·10	37	36	−3	ENE	1	0	*	0	*	43	35	–
	Loughborough ...	29·83	37	E	3	0	29·90	+·12	35	34	+5	ENE	1	of	*	c.ogm.c	*	37	29	–
BRITISH ISLANDS.	Ardrossan ...	29·85	41	NE	1	of	29·93	+·07	37	37	−3	NE	1	of	1	o.of	*	41	36	–
	Malin Head ...	29·81	39	SE	2	orm	29·87	+·05	38	37	−3	S	1	om	0	o.rm	*	43	38	0·02
	Belmullet ...	29·81	36	E	1	b	29·89	+·09	33	32	−6	E	1	b	*	b	*	42	36	–
	Donaghadee ...	29·83	43	ESE	5	c	29·89	+·08	42	40	−1	SE	4	c	3	c	*	43	40	0·01
	Liverpool (Bidston)	29·82	36	ESE	1	0	29·90	+·11	36	35	0	ESE	1	m	?	cf	*	39	35	–
	Holyhead ...	29·77	38	ENE	5	b	29·85	+·12	36	35	−3	ENE	2	bc	1	bcm	*	40	35	–
	Parsonstown ...	29·78	34	Z	0	b	?29·94	+·21	28	28	−11	Z	0	f	*	b	4·5	42	26	–
	Valencia ...	29·75	40	Z	0	b	29·89	+·20	30	29	−7	NE	1	b	2	bm.b	4·8	44	27	–
	Roche's Point ..	29·73	41	NE	4	b	29·88	+·21	36	35	−5	ENE	3	bc	3	p.b	*	44	35	0·05
	Pembroke (St. Ann's Hd.)	29·69	40	E	3	c	29·84	+·23	37	37	−4	E	3	bm	3	o.c	0·0	41	36	0·05
	Scilly	29·60	46	ESE	3	cp	29·76	+·28	47	45	0	ENE	4	cp	4	chp	1·5	48	43	0·15
	Prawle Point ...	29·68	46	ESE	4	bc	29·79	+·22	40	38	−5	ENE	4	o	3	c.hrl	*	48	38	0·09
	Jersey (St. Aubin's)	29·64	46	SE	3	c	29·74	+·15	43	41	−3	ENE	4	bcm	3	c	*	48	40	–
	Hurst Castle ...	29·70	43	ENE	3	0	29·81	+·19	39	38	−5	NE	2	om	1	md.o	*	45	39	0·03
	Dungeness ...	29·72	39	NE	4	0	29·76	+·09	39	38	−1	NNE	5	o	4	c.o	*	43	37	–
	North Foreland	29·75	42	ESE	4	c	29·83	+·10	39	37	−6	ENE	2	o	3	c	*	45	36	–
	London (Brixton) ...	29·78	41	E	2	om	29·84	+·13	37	35	−3	ENE	3	og	*	or.ov	0·0	42	35	0·03
	Oxford	29·81	38	ENE	2	0	29·88	+·16	35	34	−2	ESE	3	og	*	og	*	40	34	0·02
	Cambridge ...	29·83	37	E	3	om	29·89	+·12	36	35	+4	NE	1	og	*	om	0·0	40	31	–
	Yarmouth ...	29·83	37	E	5	og	29·85	+·07	38	35	−2	ENE	4	og	4	og	*	44	34	–
GERMANY & HOLLAND.	Cuxhaven ...	30·01	35	E	4	0	?	?	33	32	−1	E	5	0	*	0	*	36	32	–
	Berlin	30·05	30	E	3	0	29·97	+·02	29	28	−4	NE	4	0	*	0	*	34	27	–
	Wiesbaden ...	*	*	*	*	*	29·76	−·09	32	31	−2	NE	2	0	*	*	*	36	30	–
	Munich... ..	29·82	26	E	5	0	29·61	−·21	28	28	+1	E	4	0	*	0	*	30	25	–
	The Helder ...	29·90	33	ESE	2	0	29·88	+·03	34	33	+3	ENE	4	0	3	0	*	34	30	–
BELGIUM.	Brussels ...	*	*	*	*	*	29·80	+·01	28	28	−3	ENE	2	0	*	0	*	35	27	–
	Cape Gris Nez...	29·69	32	SE	4	f	29·71	+·06	33	32	−1	E	3	m	3	f	*	41	32	–
	Paris	29·73	32	E	2	b	29·70	+·05	30	29	−2	NNE	3	0	*	b	*	44	30	–
	Brest	29·55	44	E	2	bc	?	?	40	39	−4	ENE	1	b	2	bc	*	45	36	–
	Lorient... ...	29·59	43	ENE	4	r	29·68	+·17	38	37	−6	NNE	3	bc	4	r	*	46	34	0·12
FRANCE &	Rochefort ...	29·63	45	ESE	3	c	29·64	+·03	37	36	−6	NE	5	b	*	bc.c	*	50	34	–
	Belfort	29·75	26	E	4	m	29·56	−·23	27	26	0	E	3	m	*	m	*	32	26	–
	Lyons	29·68	35	N	1	b	29·58	−·17	29	28	−4	N	1	m	*	b.s	*	40	29	–
	Nice	29·59	44	ENE	1	0	29·46	−·30	43	40	+2	E	1	0	4	0	*	48	39	0·32
	Perpignan ...	29·45	44	Z	0	r	29·39	−·23	44	41	+5	NW	3	0	*	r	*	50	39	2·21
	Biarritz ...	29·49	44	E	3	0	29·50	·00	46	45	+4	NE	3	0	2	0	*	55	41	–
PENINSULA.	Corunna ...																*			
	Lisbon	29·69	50	NNW	4	bc	29·87	+·24	48	45	+2	NNE	2	0	*	bc	*	54	46	0·12
	Azores (P. Delgada)	30·25	59	NW	4	bc	30·28	+·07	59	57	+1	NNW	4	bc	2	bc	*	63	57	–

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

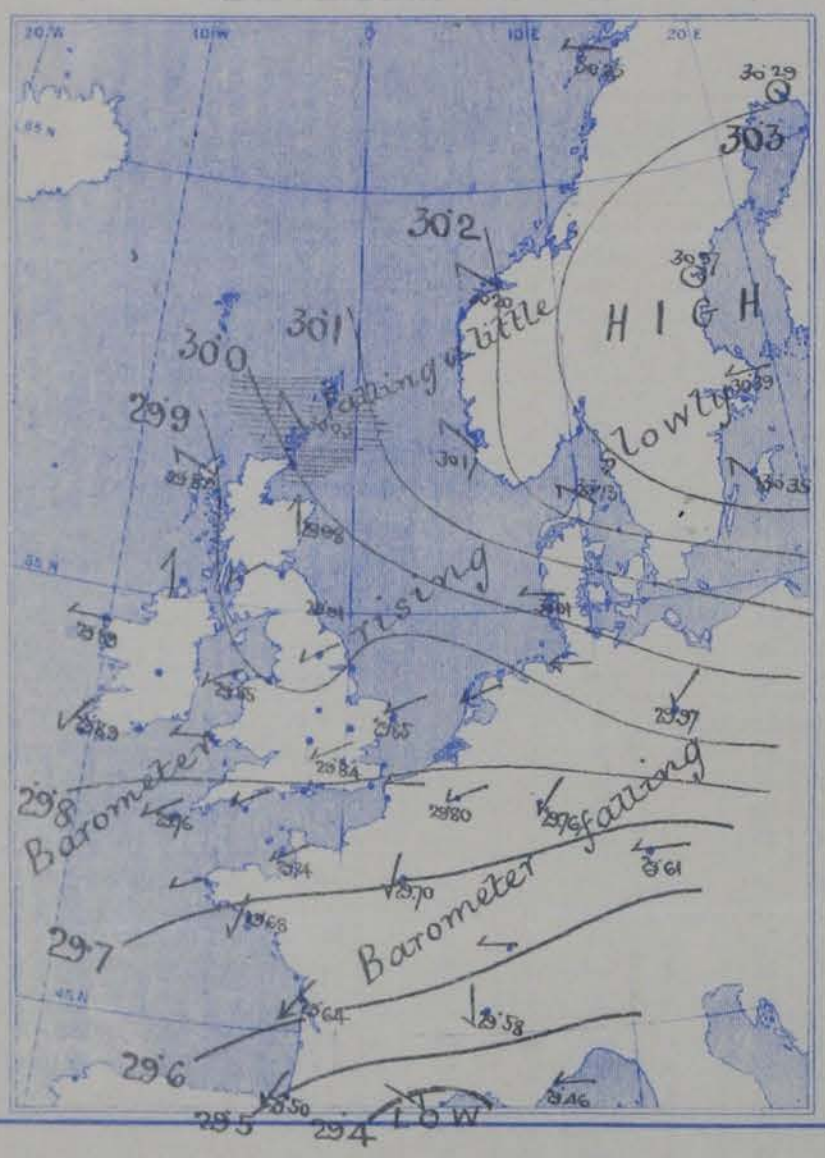
Eastbourne :- Sunshine yesterday 0·0

WEATHER CHARTS

FOR Thursday, 19th December, 1895.

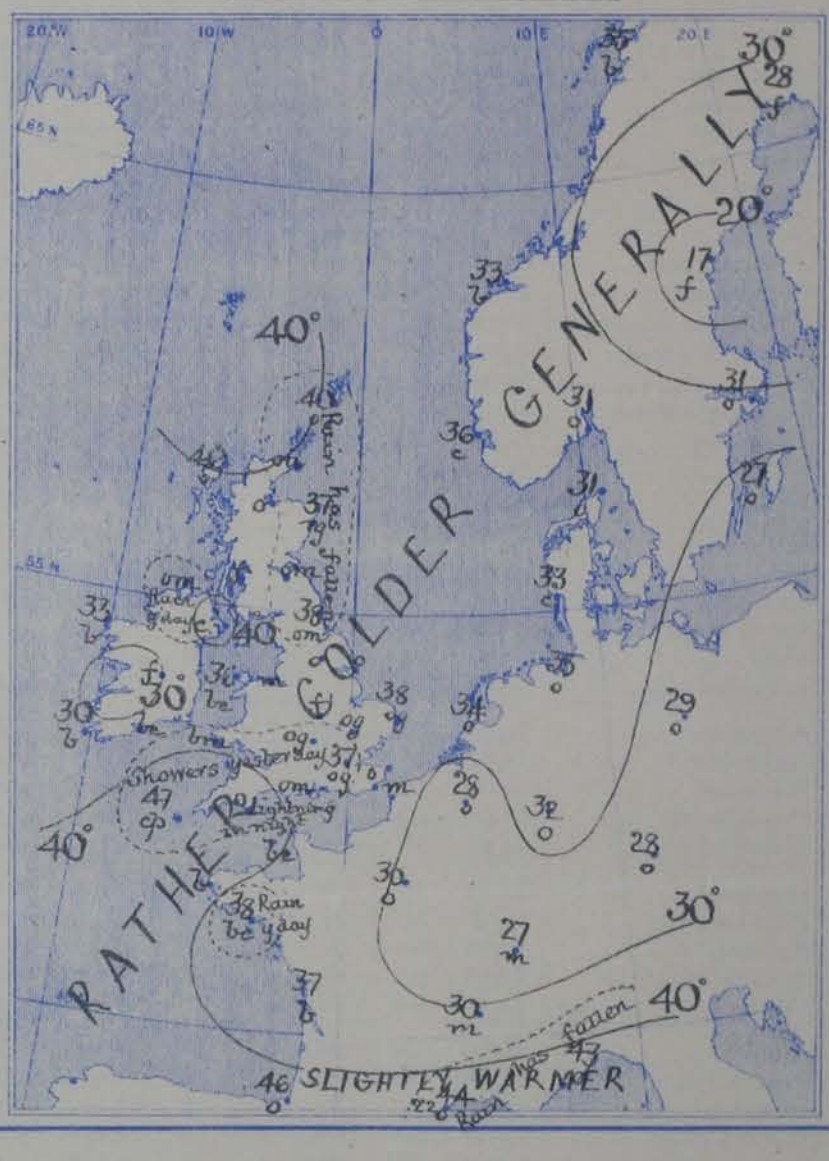
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Lenghborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Queenstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	43·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·5	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·946	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·3 in. and upwards in a large anticyclone lying over Sweden. Lowest, 29·4 in. and less, in a depression over the Gulf of Lions. Gradients slight. Barometer rising over our Islands and the west of France, as well as in Sweden, but falling elsewhere — rather decidedly over Germany and the south of France.

TEMPERATURE — Highest, 48° at Lisbon, 47° at Sicily, 46° at Biarritz, 44° at Perpignan, and 43° at Jersey and Nice. Lowest, (1) 17° at Hernösand, 27° at Wick, and Belfast, and 28° at Haparanda, Bucharest, and Munich; (2) 28° at Parsonstown and 30° at Valencia (Ireland). Slight frost occurred last night in many parts of Ireland and Scotland, the lowest reading reported being 26° at Parsonstown.

WIND — Light to moderate from the E.ly or NE.ly over Western Europe generally, but SE.ly over the northern parts of Ireland and Scotland, and also in the west of Norway. Calm over the northern parts of Sweden.

WEATHER — Fine at several of the southern stations in our Islands and France, and also in the west of Norway. Cloudy or dull elsewhere, with fog or mist over the Central parts of the United Kingdom, and also over the Gulf of Bothnia; rain is falling at Aberdeen. Showers fell yesterday in many parts of the United Kingdom, with hail in the southwest of England. A heavy fall of rain (2·2 in.) is reported from Perpignan. Lightning was seen at Prawle Point last night.

SEA — Rather rough off the north of Scotland, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressure system in the south is inclined to spread northwards, and the wind is likely to freshen from the northeastward on our south and east coasts. Beyond this no material change in the weather is indicated at present.

FORECASTS

For the 24 hours ending at NOON on 20th Dec. 1895

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH; 1 SCOTLAND EAST	S.ly and SE.ly winds, moderate; dull, rain locally.	6 SCOTLAND WEST; 7 ENGLAND N.W.	Same as No. 2.
2 ENGLAND N.E.	E.ly and NE.ly winds, light; dull, some mist or fog.	8 ENGLAND S.W.	E.ly and NE.ly winds, moderate; cloudy, some showers.
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH; 10 IRELAND SOUTH	Same as No. 2
4 MIDLAND COUNTIES	Same as No. 2	WARNINGS	None issued
5 ENGLAND SOUTH	NE.ly winds, freshening; dull, possibly cold showers.		

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·13	44	41	E	2	c	2
Sumburgh Head	30·04	43	43	ESE	3	o	5
Stornoway	29·90	44	42	SE	2	bc	2
Aberdeen	29·92	42	40	ESE	4	ogpq	5
Shields	29·83	42	40	E	3	o	3
Ardrossan	29·84	41	40	NE	1	o	1
Malin Head ...	29·81	43	41	ESE	3	o	1
Belmullet	29·79	42	41	ENE	2	b	*
Holyhead	29·75	40	37	ENE	5	bem	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·70	42	39	E	3	bm	3
Scilly	29·85	46	44	ESE	4	chp	3
Jersey	29·81	46	45	SE	4	c	3
Hurst Castle ...	29·66	44	43	ENE	4	md	3
Dungeness ...	29·70	42	40	ENE	4	c	3
North Foreland	29·75	41	40	ESE	2	c	4
London (Westminster)	29·73	43	41	E	2	ogm	*
Yarmouth ...	29·79	38	36	E	4	og	4
Rochefort ...	29·84	49	46	E	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull in nearly all parts of our Islands and the Continent, with fog at several of our central stations, passing showers over the English Channel, and rain at Sumburgh Hd and Aberdeen. Snow falling at Archangel and Kiev, and rain at Lisbon and Pesaro. Showers falling later in many parts of Great Britain and heavy rain in the extreme south of France. Lightning seen at Charleboit at night.

Temperature fallen in most of the western and northern countries, but risen elsewhere. Morning readings highest, 66° at Malta, 61° at Tunis, 59° at Naples, and 58° at Algiers and Sfax; above 50° at many of the Mediterranean and Adriatic stations. Lowest 5° at St Petersburg, 7° at Moscow, 8° at Kharkov, and 11° at Memel; below the freezing point over the greater part of northern and central Europe, and also over Central England. Daily maxima very little above 40° over our Islands generally, and below that point in some parts of Central England. Rising to 50° and upwards in the south of France, and reaching 55° at Biarritz.

Wind light to moderate from the E^ly or NE^ly over Ireland and England, and from the SE^ly in nearly all other parts of western and central Europe. Light from the SW^ly over Northern Russia, but from the NE^ly in the south of that country, as well as in Italy and the south of France. Rather variable over the Spanish Peninsula. No important change occurring later.

Barometer highest 30·3 in: and upwards over the Baltic Provinces and the Gulf of Finland, 30·1 in: and upwards, in an anti-cyclone covering the whole of Russia and Scandinavia. Lowest 29·5 in: and less, in two shallow depressions—one lying over the Bay of Biscay and the other over Algeria. Anticyclone spreading gradually westward during day, depression over Bay of Biscay moving southwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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for 8 a.m. on Friday, 20th December, 1895.

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		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30.26	28	W	0	0	30.21	-.08	28	28	0	W	0	f	*	0	*	32	23	-
	Hernösand ...	30.33	20	W	0	f	30.26	-.11	22	20	+ 5	W	0	f	*	f	*	23	16	-
	Stockholm ...	30.32	31	SE	2	0	30.24	-.15	31	29	0	E	4	0	*	0	*	34	28	-
	Wisby	30.25	30	SE	4	0	30.16	-.19	31	30	+ 4	SE	4	0	*	0	*	31	23	-
	Karlstad ...	30.26	30	NE	4	0	30.20	-.13	30	28	+ 1	NNE	2	0	*	0	*	*	*	-
	Bodö	30.19	31	E	2	b	30.10	-.15	34	30	- 1	E	2	b	1	b	*	36	28	-
	Christiansund ...	30.17	32	W	0	b	30.11	-.09	34	32	+ 1	W	0	c	2	b	*	34	30	-
	Skudesnaes ...	30.18	34	SE	4	c	30.10	-.07	34	32	- 2	ESE	2	c	2	c	*	36	30	*
	Færder (Christiania Fjord)	30.22	30	NNE	5	0	?	?	30	29	- 1	NNE	4	0	2	0	*	31	30	-
	Skagen (The Scaw)	30.12	33	E	3	S	30.07	-.16	35	34	+ 4	SE	2	0	1	S	*	35	30	-
	Fanö	29.97	33	E	4	0	29.93	-.08	34	34	+ 1	ENE	2	c	*	0	*	34	32	-
BRITISH ISLANDS.	Sumburgh Head	30.00	39	SSE	3	0	30.00	-.03	39	36	- 1	SSE	1	0	4	0	*	41	34	-
	Stornoway ...	29.90	40	S	2	0	29.98	+.09	38	38	- 2	W	0	0	0	0	0.0	41	37	-
	Wick	29.94	39	W	2	0	29.97	+.05	34	33	- 8	NW	2	0	4	0	*	44	38	0.01
	Nairn	29.94	34	W	0	c	30.01	+.10	26	26	- 9	W	0	b	1	c	*	38	23	-
	Aberdeen ...	29.97	36	NNW	2	ogp	30.03	+.05	34	33	- 3	NW	2	0	4	r h.ogp	0.0	40	34	0.18
	Leith	29.94	42	W	0	c	30.04	+.11	35	35	- 2	SSW	1	om	*	c	*	43	33	-
	Shields	29.92	38	NW	1	0	30.00	+.09	36	35	- 2	NW	2	0	2	o.r	*	40	32	0.10
	Spurn Head ...	29.90	40	E	2	og	29.97	+.08	40	38	0	NE	2	og	3	p hr.o	*	41	35	0.05
	York	29.94	37	N	1	b	30.01	+.09	35	34	- 2	N	1	c	*	b	*	40	32	-
	Loughborough ...	29.93	30	NNW	1	b	30.00	+.10	38	32	- 2	NW	1	0	*	c.bc.b.o	*	38	27	-
	Ardrossan ...	29.94	36	NE	1	of	30.04	+.11	32	32	- 5	W	0	of	0	of	*	39	30	-
	Malin Head ...	29.91	35	S	1	b	30.00	+.13	36	35	- 2	S	2	cm	2	bc.b	*	40	34	-
	Belmullet ...	29.93	37	?E	4	0	30.04	+.15	33	33	0	?E	2	b	*	c.o	*	38	33	0.13
	Donaghadee ...	29.94	42	SE	3	c	30.03	+.14	32	32	- 10	NNW	4	bc	2	c	*	42	32	0.17
	Liverpool (Bidston)	29.95	37	W	0	0	30.05	+.15	34	33	- 2	WSW	1	bf	?	bc.f	*	38	33	-
	Holyhead ...	29.90	39	S	1	grm	30.01	+.16	36	35	0	SE	1	bm	0	cgm.r	*	40	34	0.03
	Parsonstown ...	29.94	32	W	0	f	30.05	+.11	34	33	+ 6	W	0	f	*	f	0.0	34	27	-
	Valencia ...	29.94	34	ENE	1	b	30.06	+.17	34	32	+ 4	W	0	b	1	b	6.0	43	27	0.01
	Roche's Point ..	29.93	37	NNE	2	b	30.05	+.17	34	33	- 2	N	3	m	3	b	*	41	30	-
	Pembroke (St. Ann's Hd.)	29.93	38	E	2	b	30.03	+.19	35	34	- 2	E	2	bm	2	b	0.0	40	34	-
	Scilly	29.86	45	E	2	c	29.96	+.20	42	40	- 5	E	1	c	3	om.c	2.3	48	40	-
	Prawle Point ...	29.90	36	NNE	2	0	29.97	+.18	35	34	- 5	NNE	3	og	2	og	*	40	34	-
	Jersey (St. Aubin's)	29.85	44	NE	3	ogm	29.94	+.20	43	40	0	NE	3	om	3	c.o	*	49	42	-
	Hurst Castle ...	29.86	38	NE	2	0	29.95	+.14	35	34	- 4	NNE	1	cm	0	ogm.o	*	42	34	-
	Dungeness ...	29.98	40	NNE	4	0	29.87	+.11	37	36	- 2	N	3	c	2	o	*	41	37	-
	North Foreland	29.85	40	NE	4	0	29.91	+.08	40	38	+ 1	NNE	4	0	4	o	*	43	37	-
	London (Brixton) ...	29.88	38	NE	2	og	29.96	+.12	37	35	0	NNE	2	ogm	*	og	0.0	39	36	-
	Oxford	29.94	35	E	1	0	29.99	+.11	34	33	- 1	N	1	og	*	og	*	37	33	-
	Cambridge ...	29.91	36	NE	2	0	29.98	+.09	35	35	- 1	NW	1	ogm	*	o	0.0	39	33	-
	Yarmouth ...	29.86	39	ENE	3	c	29.91	+.06	40	37	+ 2	NE	3	cg	4	cg.c	*	40	35	-
GERMANY & HOLLAND.	Cuxhaven ...	29.88	35	E	3	0	29.82	?	35	35	+ 2	NE	3	r	*	0	*	36	33	0.04
	Berlin	29.81	31	ENE	4	?	29.77	-.20	33	32	+ 4	ENE	3	r	*	r	*	38	29	-
	Wiesbaden ...	*	*	*	*	*	29.75	-.01	35	33	+ 3	W	0	S	*	*	*	36	32	-
	Munich	29.64	28	SW	4	0	29.72	+.11	28	28	0	E	1	0	*	0	*	30	28	-
	The Helder ...																*			
BELGIUM.	Brussels ...	*	*	*	*	*	29.85	+.05	32	32	+ 4	N	2	f	*	0	*	32	29	-
	Cape Gris Nez ...	29.74	39	ENE	5	0	29.82	+.11	37	35	+ 4	E	1	0	1	0	*	41	33	-
	Paris	29.80	31	NNE	3	0	29.88	+.18	30	29	0	N	3	0	*	0	*	32	30	-
	Brest	29.90	43	NE	1	r	29.93	?	41	39	+ 1	ENE	1	c	1	r	*	48	37	0.08
	Lorient	29.83	43	NE	4	b	29.93	+.25	43	40	+ 5	NNE	4	0	2	b	*	46	37	-
FRANCE &	Rochefort ...	29.78	35	NE	5	m	29.91	+.27	34	32	- 3	NE	5	m	*	m	*	39	30	-
	Belfort	29.68	36	E	1	m	29.77	+.21	27	25	0	W	0	m	*	m	*	37	25	-
	Lyons	29.73	30	NNW	1	0	29.77	+.19	30	30	+ 1	N	1	S	*	0	*	31	29	-
	Nice	29.62	43	NE	4	bc	29.58	+.12	42	41	- 1	E	3	r	4	bc	*	50	41	1.02
	Perpignan ...	29.56	45	NW	2	0	?	?	41	36	- 3	NW	5	0	*	0	*	50	39	-
	Biarritz ...	29.64	52	WSW	6	0	29.81	+.31	38	36	- 8	ESE	3	0	2	0	*	55	36	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.04	50	N	3	b	30.10	+.23	50	49	+ 2	NNW	3	c	*	b	*	55	48	0.08
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

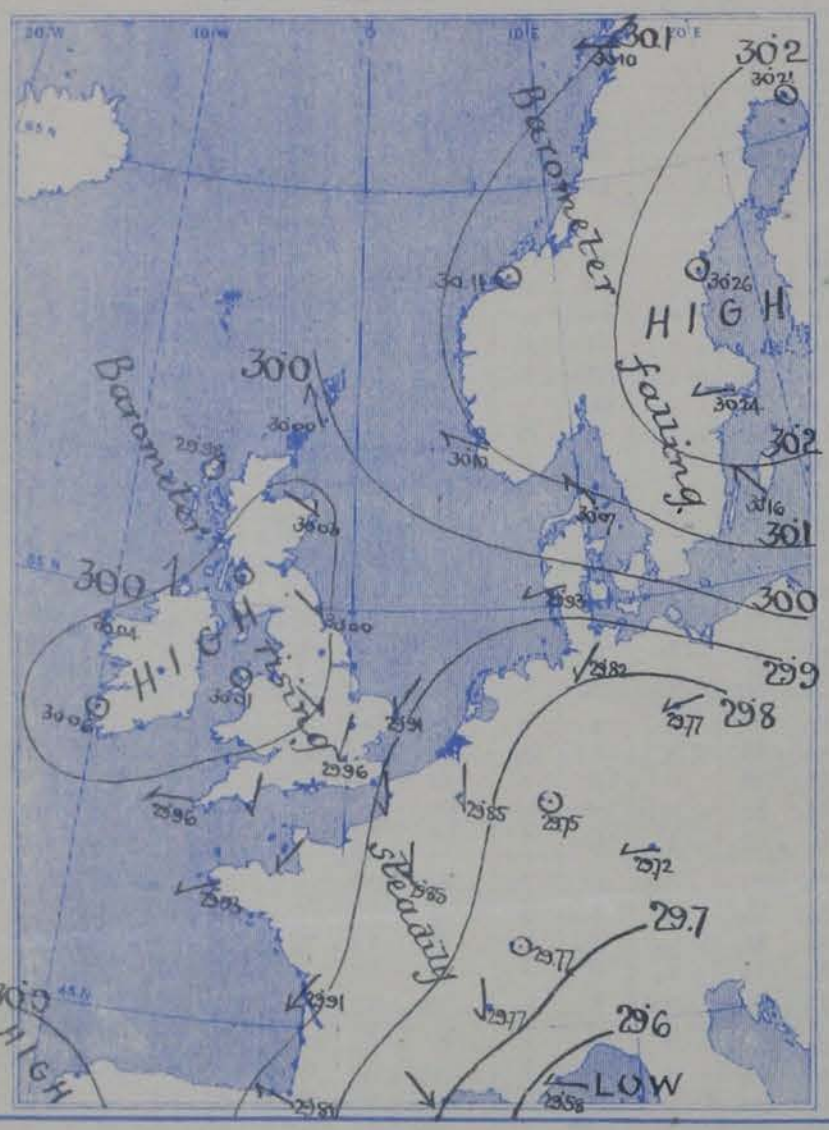
Eastbourne:- Sunshine yesterday 0 0.

WEATHER CHARTS

FOR *Friday, 20th December, 1895*

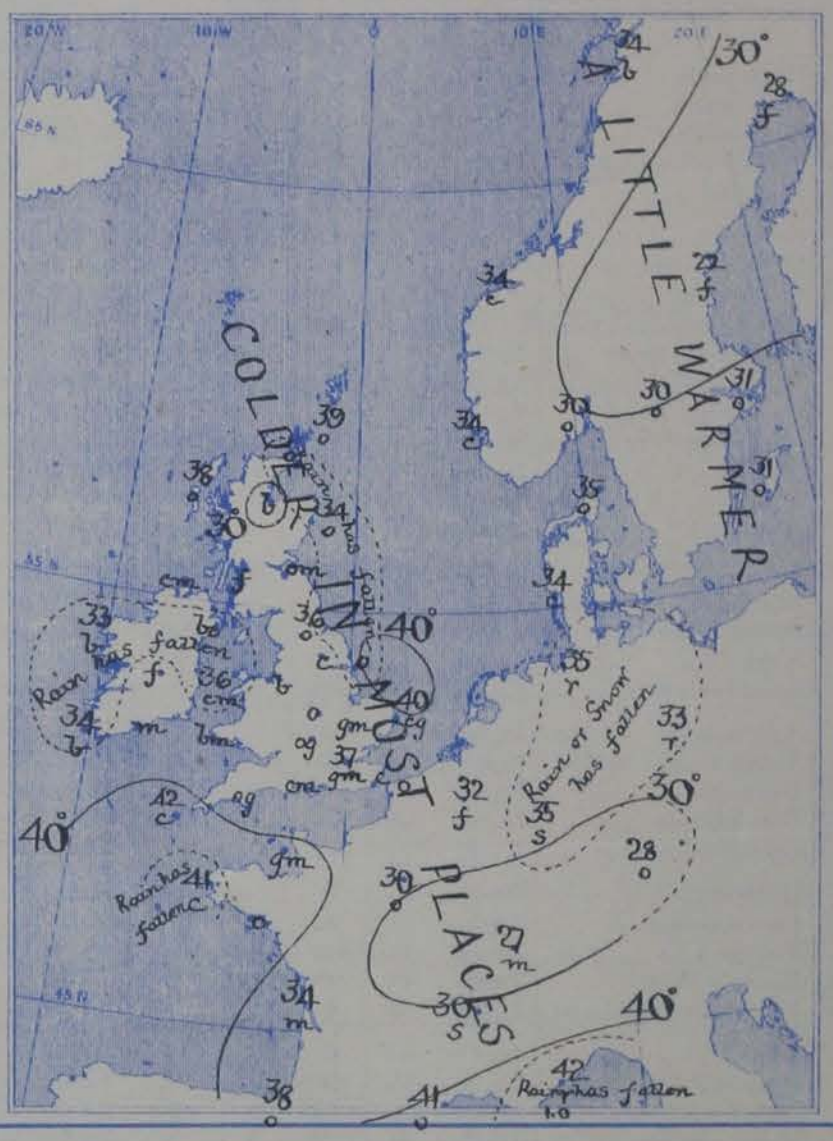
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.
RAINFALL { *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·4	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·843	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·2 in: and more to 30·0 in: over Scandinavia, the Shetlands and Denmark; (2) 30·1 in: and more to 30·0 in: over Portugal and the adjacent parts of the Atlantic; (3) above 30·0 in: in an anticyclone lying over Ireland and the north of England.

Lowest, 29·6 in: and less, over the Riviera and northern parts of the Mediterranean, and below 29·8 in: over Germany.

Gradients slight; distribution anticyclonic.

Barometer rising on all our coasts and in France, falling over Scandinavia.

TEMPERATURE

Highest, 50° at Lisbon, 43° at Lorient and Jersey, 42° at Scilly.

Lowest, (1) 22° to 28° on the northern part of the Swedish coast, 30° at Karlstad, 31° at Stockholm; (2) 26° at Nairn, 33° at Loughborough, 34° at Oxford and Parsonstown; (3) 27° at Belfort, 28° at Munich, and 30° at Paris.

It has fallen somewhat over Great Britain, risen a little over Ireland, and also over Germany.

WIND

NE^{3} to E^{3} and light over the south of Scandinavia.

N^{3} to NE^{3} and light over England and the Channel.

NE^{3}, moderate over the Bay of Biscay. Calm over Ireland and the west and northwest of Scotland.

WEATHER

Fair over Ireland and Scotland, with fog or haze in places, very dull over England and France, foggy in the north of Sweden. Over Germany and the southeast of France snow and cold rain are reported.

Some showers fell yesterday in several parts of Ireland and Scotland and at Paris. A heavy fall of rain (1·02 in:) is reported from Nice. Bright sunshine yesterday was for London, Eastbourne, Parsonstown and the Scotch stations none, Valencia, Ireland, however, had 6 hrs, and Scilly 2 hrs.

SEA

Moderate on our northern and southeastern coasts, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Ireland appears to be increasing both in size and intensity; quiet weather is probable, with still lower temperatures, and fog or haze in many places.

FORECASTS

For the 24 hours ending at NOON on 21st Dec. 1895

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH; 1 SCOTLAND EAST; 2 ENGLAND N.E.	NW^{3} airs and Calms; colder, with fog or haze in many places.
3 ENGLAND EAST; 4 MIDLAND COUNTIES; 5 ENGLAND SOUTH	N^{3} or NE^{3} airs and Calms; very dull, hazy or foggy, colder, dry.
6 SCOTLAND WEST; 7 ENGLAND N.W.	Calms and Variable airs; fair, hazy.
8 ENGLAND S.W.	Same as No 3 to 5
9 IRELAND NORTH; 10 IRELAND SOUTH	Same as Nos 6 and 7.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·17	36	32	SSE	2	c	2
Sumburgh Head	30·00	40	38	SSE	3	o	5
Stornoway	29·87	41	40	S	2	o	2
Aberdeen	29·96	38	37	SSW	2	o g p	4
Shields	29·91	40	39	NW	2	o	3
Ardrossan	29·92	39	39	NE	1	o	1
Malin Head ...	29·89	40	38	S	1	bc	1
Belmullet	29·90	38	36	E	2	c	*
Holyhead	29·87	39	38	S	1	o g m	0
Valencia	29·93	43	40	W	0	b	2
Scilly	29·82	46	44	E	3	o m	3
Jersey	29·78	46	43	NE	4	c	3
Hurst Castle ...	29·84	39	37	NE	2	o g m	1
Dungeness ...	29·77	40	38	NNE	4	o	3
North Foreland	29·82	39	37	NE	4	o	5
London (Westminster)	29·85	40	36	ENE	3	o g	*
Yarmouth ...	29·84	39	35	ENE	4	c g	4
Rochefort ...	29·69	39	36	NE	5	m	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over our Islands and the Continent generally, with fog or mist in places, and with rain at Aberdeen, Prague, Trieste, Turin, and Toulon; snow reported at Breslau. Fine at several stations in the western parts of our Islands and France. Showers falling later over the northern parts of the United Kingdom and heavy rain at Nice.

Temperature fallen over northwestern Europe generally, but risen in most other localities. Morning readings highest 65° at Malta, 63° at Brindisi, 61° at Palermo, and 60° at Lesina and Naples, above 50° at most of the Mediterranean and Adriatic stations. Lowest 1° at Kharkov, 4° at Moscow, 9° at Riga, 15° at Kiev, and 17° at Hernösand; below the freezing point over northern and central Europe as a whole, as well as over the central parts of Ireland and Spain. Daily maxima over our Islands ranging in most cases a degree or two on either side of 40°, but thermometer exceeding 45° in the Scilly and Channel Islands; rising to 50° and upwards in the south of France. Frost occurring in many parts of England at night.

Wind light to moderate from the E^ly or NE^ly over Western and Central Europe generally, but SE^ly over the northern parts of Ireland and Scotland, as well as in the west of Norway. Calm in the north of Sweden; light from NW. over northern and Central Russia. S^ly or SE^ly over Italy and the Adriatic, with a gale at Lesina; NW^ly in Spain. Subsequently shifting to the NW^ly on the northeast coasts of Gt Britain; no important change occurring elsewhere.

Barometer highest 30·4 in: and upwards over the western and southern parts of Russia; 30·1 in: and upwards, in an anticyclone covering the whole of Russia, Scandinavia, the Baltic, and the northern parts of Denmark and the North Sea. Lowest 29·4 in: and less, in a depression over the Gulf of Lions. No important change occurring over Western Europe during day, barometer falling slightly at the northern stations, but rising in the south.

General Remarks on the Weather over Europe for the 24 hours ending 8 am on Dec: 18th 1895.

Weather in morning cloudy or overcast generally, with showers in several parts of our Islands steady rain in the south of Norway, and snow at several of the Russian and Austrian stations. Fine over the St George's Channel and the south of Ireland, as well as over the Netherlands, foggy over the central parts of Sweden. Showers falling later in the north of our Islands, and considerable amounts of rain in the southwest of England, as well as in many parts of Southern Europe. Sky clearing at several of the English stations

Temperature risen or changed irregularly over the more northern parts of our Islands and the Continent, fallen in most other localities. Morning readings highest 63° at Malta, 58° at Algiers, and 57° at Brindisi, Palermo, Cagliari and Oran; above 50° at many of the Mediterranean stations. Lowest 0° zero at Kiev, +1° at Kharkov, 8° at Moscow and 14° at St Petersburg; below the freezing point over the greater part of Russia, Germany and Austria, and very little above it in Central Spain. Daily maxima below 45° in many part of the United Kingdom, but thermometer rising to between 46° and 49° on our south and southwest coasts. Exceeding 55° in Spain ~~and~~ southern Italy, and the southwest of France, and reaching 66° at Malta. Frost occurring over the inland parts of our Islands at night.

Wind moderate to fresh from the E^ly or SE^ly over western, northern and central Europe as a whole, but S^ly in the north of Scotland. Light from the NE^ly over Austria and the central and southern parts of Russia. N^ly over Northern Italy, but S^ly or SW^ly over the south of that country, as well as on the Portuguese and Algerian coasts. Subsequently veering to the SW^ly or W^ly in the west of France, backing to SE or E in the north of Scotland.

Barometer highest 30·3 in: and upwards over Finland; 30·1 in: and upwards in an anticyclone covering the whole of Russia and the greater part of Sweden. Lowest 29·3 in: and less, in a small shallow depression over the northern part of the Bay of Biscay. Anticyclone spreading gradually westwards and southwards during day; depression filling up slowly, barometer rising in most parts of our Islands and the Continent.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain, f. fog; g. dark, gloomy; h. hail; l. lightning: m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 21st December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30.22	30	NW	0	0	30.17	-.04	31	31	+ 3	NW	0	0	*	0	*	32	23	0.04
	Hernosand ...	30.23	23	NW	0	0	30.25	-.01	19	18	- 3	NW	0	c	*	0	*	25	18	-
	Stockholm ...	30.18	30	E	2	b	30.20	-.04	32	31	+ 1	E	2	S	*	b	*	32	30	-
	Wisby	30.09	30	SE	4	0	30.09	-.07	33	33	+ 2	ESE	4	0	*	0	*	33	25	-
	Karlstad ...	30.14	30	NE	4	0	30.15	-.05	30	28	0	NNE	4	0	*	0	*	*	*	-
	Bodö	30.12	33	E	2	b	30.10	.00	32	29	- 2	E	2	0	1	b	*	36	28	-
	Christiansund ...	30.11	35	SSE	3	0	30.15	+.04	35	33	+ 1	SE	2	c	3	0	*	36	32	0.04
	Skudesnaes ...	30.11	35	E	2	0	30.07	-.03	32	31	- 2	ENE	2	c	2	0	*	37	30	*
	Færder (Christiania Fjord)	30.15	29	NNE	4	0	30.10	?	29	29	- 1	NNE	5	S	3	0	*	30	28	0.04
	Skagen (The Scaw)	30.04	33	ESE	3	S	29.99	-.08	34	34	- 1	E	3	0	1	S	*	35	32	0.08
	Fanö	29.90	32	NE	4	S	29.86	-.07	33	33	- 1	NE	1	0	*	S	*	36	32	0.24
	Sumburgh Head	30.03	38	SSE	1	c	30.02	+.02	37	35	- 2	ESE	1	0	9	c	*	40	33	-
	Stornoway ...	30.01	33	NW	0	b	29.94	-.04	34	33	- 4	N	1	c	1	c, b	2.3	42	28	-
	Wick	29.99	35	N	1	b	29.96	-.01	35	34	+ 1	E	2	0	4	b	*	40	26	-
	Nairn	30.03	25	NW	0	b	29.99	-.02	28	27	+ 2	NW	0	f	1	b	*	34	20	-
	Aberdeen ...	30.05	32	NW	1	b	30.02	-.01	30	29	- 4	W	1	bcm	3	c, b	0.1	37	29	-
BRITISH ISLANDS.	Leith	30.05	34	NW	0	f	29.99	-.05	30	29	- 5	NW	0	f	*	f	*	35	26	-
	Shields	30.01	37	NW	2	c	29.98	-.02	35	35	- 1	NW	2	0	3	c, r	*	40	33	0.08
	Spurn Head ...	29.98	39	NE	3	b	29.95	-.02	37	36	- 3	NW	2	cph	3	b	*	41	35	0.04
	York	30.02	35	NNE	1	0	29.99	-.02	32	32	- 3	NNW	1	of	*	0	*	39	31	-
	Loughborough ...	30.02	32	WNW	1	0	29.98	-.02	31	31	- 2	WNW	1	of	*	cm, b, of	*	36	30	-
	Ardrossan ...	30.02	33	NNE	1	of	29.97	-.07	29	28	- 3	NE	2	of	1	of	*	35	26	-
	Malin Head ...	29.99	37	S	2	b	29.91	-.09	32	32	- 4	SSE	2	b	1	b	*	39	32	-
	Belmullet ...	30.01	35	E	2	b	29.85	-.19	32	31	- 1	SE	3	b	*	b	*	39	32	-
	Donaghadee ...	30.05	30	WNW	3	b	29.96	-.07	40	37	+ 8	SE	4	bc	2	b	*	40	27	0.01
	Liverpool (Bidston)	30.04	30	N	1	b	29.99	-.06	26	25	- 8	ESE	1	m	?	b, f	*	35	24	-
	Holyhead ...	30.02	38	W	0	cdf	29.95	-.06	31	30	- 5	SE	1	bcf	0	cf, fd	*	40	30	-
	Parsonstown ...	30.04	31	W	0	f	29.88	-.17	22	22	- 12	W	0	b	*	f	0.0	35	21	-
	Valencia ...	30.00	35	ENE	1	b	29.75	-.31	44	40	+ 10	ESE	4	bcq	4	bm, b	5.8	44	30	-
	Roche's Point ..	30.04	36	N	3	m	29.85	-.20	45	43	+ 11	SSE	5	bc	4	m	*	45	?34	-
	Pembroke (St. Ann's Hd.)	30.02	37	E	2	b	29.95	-.08	34	33	- 1	E	3	bm	2	b	5.3	40	33	-
	Scilly	29.98	43	NE	2	om	29.84	-.12	44	40	+ 2	E	4	c	4	c, om	0.2	45	40	-
	Prawle Point ...	30.00	35	ENE	3	bc	29.94	-.03	32	31	- 3	NNE	3	m	2	c, m	*	43	31	-
	Jersey (St. Aubin's)	29.95	44	N	3	o	29.92	-.02	39	38	- 4	NE	3	cm	3	o, r	*	4[illegible]	36	-
	Hurst Castle ...	29.97	33	NNE	1	om	29.94	-.01	32	31	- 3	NNE	2	cm	1	om	*	41	31	-
	Dungeness ...	29.88	40	N	4	0	29.89	+.02	33	32	- 4	N	3	bc	2	0	*	40	32	0.08
	North Foreland	29.91	40	NE	5	r	29.89	-.02	39	38	- 1	NNE	2	c	3	o, r	*	42	37	0.14
	London (Brixton) ...	29.97	38	NNE	1	og	29.96	.00	32	31	- 5	NNE	1	ogf	*	ogm, o, h	0.0	40	31	-
	Oxford	30.01	33	N	1	b	29.98	-.01	31	30	- 3	N	1	og	*	og, b	*	38	30	-
	Cambridge ...	29.99	35	NNW	2	0	29.97	-.01	30	30	- 5	NNW	1	f	*	0	0.0	39	27	-
	Yarmouth ...	29.92	40	NNE	4	c	29.91	.00	38	36	- 2	NNE	2	bc	4	c, o	*	40	35	0.01
GERMANY & HOLLAND.	Cuxhaven ...	29.83	34	NE	4	r	29.82	.00	35	35	0	ENE	1	f	*	r	*	36	34	0.32
	Berlin	29.78	33	W	0	r	29.81	+.04	34	33	+ 1	N	1	f	*	r	*	36	32	0.04
	Wiesbaden ...	*	*	*	*	*	29.81	+.06	34	33	- 1	W	0	0	*	*	*	36	34	-
	Munich... ..	29.74	28	SW	2	0	29.76	+.04	28	28	0	SW	3	0	*	0	*	28	27	0.04
	The Helder ...	29.89	38	NE	3	c	29.85		38	36		NNE	2	c	2	c	*	39	36	0.04
BELGIUM.	Brussels ...	*	*	*	*	*	29.87	+.02	34	33	+ 2	N	1	0	*	0	*	34	31	0.04
	Cape Gris Nez ..	29.83	39	NE	6	r	29.78	-.04	36	36	- 1	SSE	2	0	2	r	*	43	34	0.51
	Paris	29.87	36	NNW	1	0	29.91	+.03	34	32	+ 4	NNW	2	0	*	0	*	37	33	-
	Brest	29.96	41	NNE	1	c	29.88	-.05	36	35	- 5	NE	1	b	2	c	*	46	34	-
	Lorient... ...	29.97	44	NNE	3	c	29.91	-.02	39	38	- 4	E	3	b	3	c	*	46	34	-
FRANCE &	Rochefort ...	29.98	37	NNE	4	m	29.98	+.07	?	2	?	W	3	f	*	0	*	?	34	-
	Belfort	29.83	28	E	1	m	29.84	+.07	28	28	+ 1	W	0	s	*	m	*	30	27	-
	Lyons	29.84	30	NNW	3	s	29.88	+.11	29	29	- 1	N	1	s	*	s	*	32	28	0.04
	Nice	29.86	44	W	0	bc	29.86	-.02	41	39	- 1	W	0	bc	8	bc	*	54	39	-
	Perpignan ...	29.74	38	NW	5	0	29.89	?	36	32	- 5	NW	4	bc	*	0	*	43	34	-
	Biarritz ...	29.89	46	NNW	5	0	29.96	+.15	35	32	- 3	SE	3	b	3	0	*	50	34	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.07	52	NSW	3	0	29.99	-.11	51	51	+ 1	ESE	2	f	*	0	*	57	50	0.04
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne;—Sunshine yesterday 0.0.

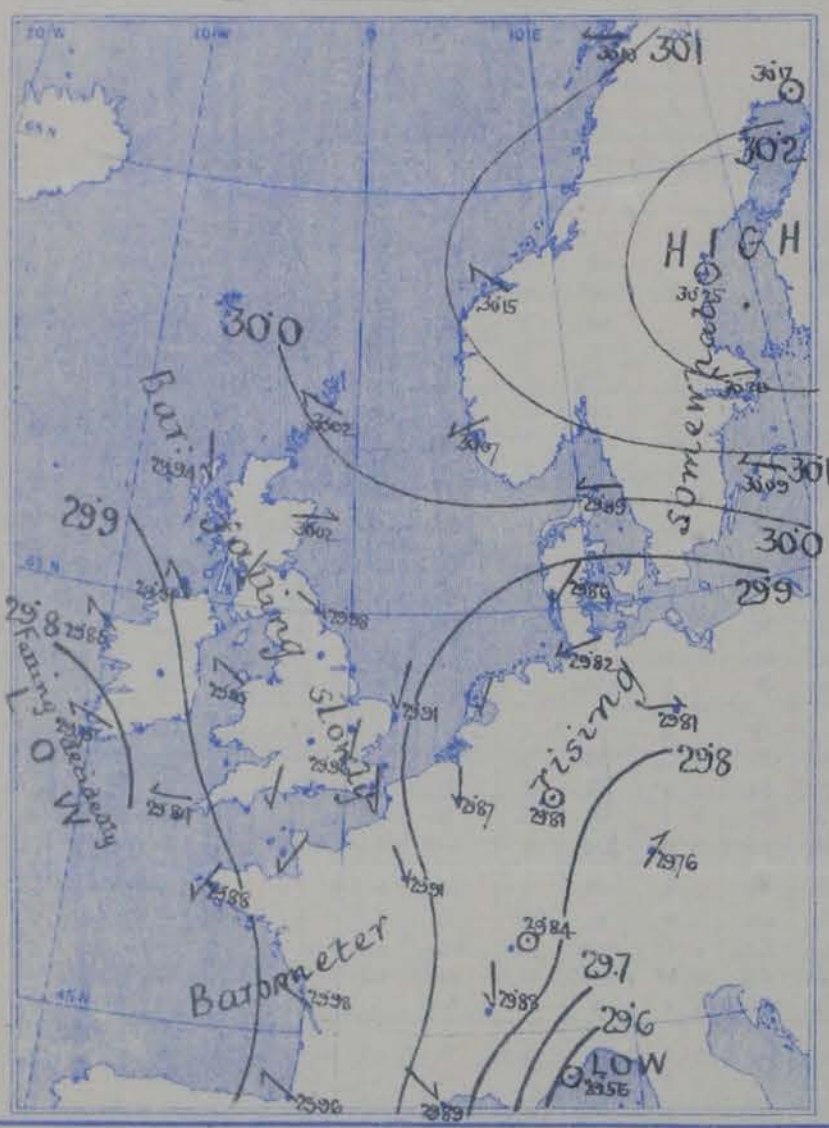
WEATHER CHARTS

FOR *Saturday, 21st December, 1895*

BAROMETER, WIND AND SEA.

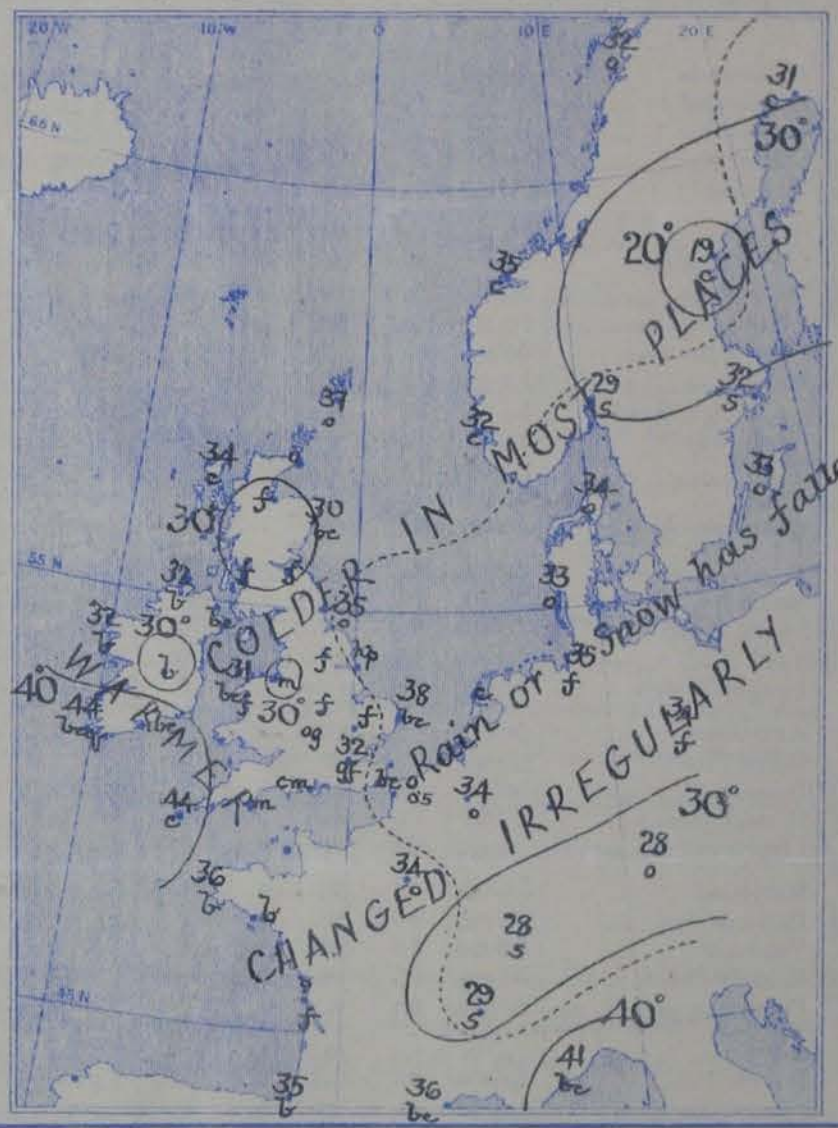
BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

Force above 10 ⟶ ; *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·954	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·70	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards, over the Gulf of Bothnia and the central parts of Sweden.
Lowest, 29·6 in: and less, in a depression over the Gulf of Genoa; 29·8 in: and less, in another system approaching the southwest of Ireland.
Gradients slight generally, but moderate in the extreme south of France.
Barometer falling at all but the French, German, and Swedish stations; rather decidedly on our extreme southwest coasts.

TEMPERATURE

Highest, 45° at Hickisbirst, 44° at Valencia (Ireland) and Sally, 41° at Nice, and 39° at Jersey, the North Foreland, and Lorient.
Lowest, (1) 19° at Hernösand, 23° at Tarder and Karlstad; (2) 22° at Parsonstown, 26° at Liverpool and 28° at Nairn; (3) 28° at Munich and Belfast.
Frost occurred last night in many parts of the United Kingdom, the lowest readings in the screen being 20° at Nairn, 21° at Parsonstown, and 24° at Liverpool.

WIND

Light to moderate from the SE. on the west coasts of our Islands and France.
Variable in Scotland; light from the N. over the greater part of England and also over the Netherlands and Central France.
E. or NE. at most of the Scandinavian and Danish stations, but calm in the north of Sweden. W. or SW. in Germany.

WEATHER

Fine in the western parts of our Islands and France, but cloudy or overcast in most other localities, with fog or mist in many places.
Snow is falling at Stockholm and Tarder, and also at Belfast and Lyons.
Rain fell yesterday on our east and southeast coasts, as well as in the neighbouring parts of the Continent, the amounts being generally slight, but rather large (0·5 inch) at Cape Gris Nez.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression is approaching our Islands from the southwestward, and is likely to occasion increasing SE. winds on all our western coasts, with rainy weather. The unsettled weather will probably spread gradually eastwards.

FORECASTS

For the 24 hours ending at NOON on 22nd DECr 1895

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	Variable breezes, finally SE.; foggy or misty at first then fair.
2 ENGLAND N.E.	N. to Variable breezes; cloudy, some mist or fog.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	N. to E. winds, light; cloudy, some fog or mist, rain or sleet locally.
6 SCOTLAND WEST	E. winds, moderate; dull, some fog or mist.
7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SE. winds, increasing in force; fair at first then unsettled with some rain.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·11	38	33	ESE	2	o	2	Valencia	30·01	43	39	2	0	bm	2
Sumburgh Head	30·03	39	37	SSE	1	c	4	Scilly	29·98	43	41	E	3	c	4
Stornoway	29·98	42	41	2	0	c	0	Jersey	29·94	43	40	NNE	3	o	3
Aberdeen	30·05	36	35	NW	2	c	4	Hurst Castle ...	29·95	39	37	N	2	om	1
Shields	30·01	40	38	N	2	c	2	Dungeness ...	29·87	40	38	N	3	c	2
Ardrossan	30·04	35	34	2	0	o	0	North Foreland	29·89	42	40	NNE	4	o	4
Malin Head ...	29·99	39	37	S	3	b	2	London (Westminster)	29·95	40	37	NE	1	ogm	*
Belmullet	30·02	40	38	E	2	b	*	Yarmouth ...	29·90	40	38	NNE	4	cg	4
Holyhead	30·03	38	37	SE	1	cf	0	Rochefort ...	29·95	37	35	NE	4	m	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine at many of our western stations, but with fog in places. Cloudy or dull in nearly all other parts of our Islands and the Continent, with fog or mist over Great Britain, and rain or snow at many of the Danish, German and southern French stations; rain falling also in Algeria and at Rome and Cagliari. Sky clearing later in many parts of Scotland, but weather remaining dull and gloomy over England, with rain on our east and southeast coasts, as well as in the neighbouring parts of the Continent.

Temperature fallen in most of the western and southern countries, but risen elsewhere. Morning readings highest 63° at Malta, 61° at Brindisi, 56° at Naples, and 54° at several of the Mediterranean stations. Lowest −4° F. at Kharkov, +10° at Kiev, 14° at Nicolaieff, 17° at Moscow; below the freezing point over northern Europe generally, as well as over the central parts of Scotland and France, very little above it over our Islands as a whole. Remaining fallen 40° all day in many parts of Great Britain and also over Central Ireland, but exceeding 45° in the west of France and reaching 54° at Nice. Sharp frost occurring over our Islands at night.

Wind light and variable over the northwestern parts of the United Kingdom, but NW⁷ on our northeast coasts, and N⁷ or NE⁷ in the south, as well as in France and the Netherlands. Calm or variable over the northern parts of Sweden and Russia; E⁷ or NE⁷ over Denmark, Germany, and the south of Scandinavia. Moderate to fresh from the S^b or SE^d in Italy, from the E^d in the south of France, and from the NW^b over the Spanish Peninsula. No important change occurring later.

Barometer highest 30·4 ins. and upwards, over the south of Russia; 30·1 ins. and upwards in an anticyclone covering the greater part of northern and eastern Europe; 30·0 ins. and upwards in another system lying over our Islands. Lowest 29·5 ins. and less, in a depression lying off the south coast of France. No decided change occurring over Western Europe during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 22nd Dec: 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·10	7	W	2	bc	29·92	− ·25	16	16	− 15	W	2	o	*	bc	*	?	16	—
	Hernosand ...	30·26	15	Z	0	b	30·19	− ·06	9	8	− 10	Z	0	b	*	b	*	23	9	—
	Stockholm ...	30·25	30	E	4	b	30·26	+ ·06	30	30	− 2	Z	0	o	*	b	*	32	27	—
	Wisby	30·17	32	E	6	o	30·21	+ ·12	30	29	− 3	NNE	4	o	*	o	*	34	27	0·08
	Karlstad ...	30·24	31	E	2	o	30·25	+ ·10	30	28	0	ENE	2	o	*	o	*	*	*	—
	Bodo	30·12	36	E	3	o	30·08	− ·02	37	36	+ 5	N	4	bc	2	o	*	37	28	0·08
	Christiansund ...	30·16	32	SE	2	b	30·21	+ ·06	29	28	− 6	Z	0	b	3	b	*	35	27	—
	Skudesnaes ...	30·12	36	E	4	o	30·13	+ ·06	34	32	+ 2	ESE	4	b	3	o	*	36	28	*
	Farder (Christiania Fjord)	30·21	32	NNE	4	o	30·23	+ ·13	31	30	+ 2	NE	4	o	2	o	*	32	28	0·08
	Skagen (The Scaw)	30·11	35	E	3	o	30·12	+ ·13	34	34	0	E	2	o	0	o	*	36	32	0·04
	Fano	29·95	34	NE	2	r	29·99	+ ·13	34	34	+ 1	E	2	o	*	r	*	36	33	0·12
	Sumburgh Head	30·00	37	ENE	3	o	29·97	− ·05	39	38	+ 2	SE	3	r	4	bc, o	*	40	34	0·04
	Stornoway ...	29·89	36	ESE	2	b	29·82	− ·12	37	34	+ 3	SSE	5	b	5	o, b	0·0	39	33	—
	Wick	? 29·94	34	SE	1	o	29·85	− ·11	38	38	+ 3	SE	4	ow	4	o, hp	*	39	30	0·12
	Nairn	29·92	25	Z	0	f	29·86	− ·13	28	26	0	Z	0	b	1	f	*	30	22	—
	Aberdeen ...	29·97	30	W	1	bc	29·89	− ·13	28	27	− 2	NW	2	cm	4	cm, bc	0·1	32	28	0·02
BRITISH ISLANDS	Leith	29·95	34	Z	0	f	29·84	− ·15	31	30	+ 1	S	2	c	*	f	*	34	25	—
	Shields	29·93	37	Z	0	pm	29·85	− ·13	28	28	− 7	Z	0	f	3	p, bc, pm	*	38	26	—
	Spurn Head ...	29·92	39	NE	2	cw	29·85	− ·10	41	39	+ 4	E	3	cw	3	cw	*	41	35	—
	York	29·95	34	ENE	1	b	29·86	− ·13	29	29	− 3	ENE	1	of	*	b	*	37	27	—
	Loughborough ...	29·95	28	E	1	b	29·86	− ·12	20	20	− 11	Z	0	bf	*	cm, b, f	*	36	20	—
	Ardrossan ...	29·90	34	NNE	2	of	29·76	− ·21	32	32	+ 3	NE	3	bf	2	of	*	34	29	—
	Malin Head ...	29·80	36	SSE	4	cm	29·51	− ·40	37	35	+ 5	SE	7	o	3	cm	*	37	32	—
	Belmullet ...	29·72	35	SE	4	bc	29·27	− ·58	36	36	+ 4	SE	7	o	*	b, bc	*	37	35	0·08
	Donaghadee ...	29·87	42	SSE	6	c	29·68	− ·28	40	38	0	SE	8	o	6	c	*	42	38	—
	Liverpool (Bidston)	29·93	33	SE	1	m	29·78	− ·21	32	31	+ 6	ESE	4	bc	?	m	*	34	26	—
	Holyhead ...	29·83	35	SE	2	b	29·65	− ·30	39	36	+ 8	E	6	ogm	4	b	*	39	31	—
	Parsonstown ...	29·76	37	E	2	bc	29·34	− ·54	42	40	+ 20	ESE	3	ong	*	bc, ong	1·2	42	21	0·05
	Valencia ...	29·53	45	SSE	6	o	29·17	− ·58	47	46	+ 3	S	2	o	4	o, omw	0·2	51	42	0·88
	Roche's Point ...	29·69	44	SSE	6	c	29·24	− ·61	50	50	+ 5	SSE	9	r	6	c	*	50	? 24	1·25
	Pembroke (St. Ann's Hd.)	29·78	39	ESE	5	bc	29·50	− ·45	45	42	+ 11	SE	7	o	5	bc	2·2	45	? 34	0·05
	Scilly	29·85	47	SE	6	o	29·36	− ·48	50	49	+ 6	SE	9	r	7	o, cm	1·0	50	40	0·45
	Prawle Point ...	29·87	41	ESE	5	c	29·64	− ·30	44	41	+ 12	SE	7	ogpw	6	cp	*	45	31	0·10
	Jersey (St. Helier's)	29·86	42	ESE	3	bcm	29·72	− ·20	42	38	+ 3	SE	7	c	5	c, bcm	*	46	38	—
	Hurst Castle ...	29·89	35	NE	2	om	29·77	− ·17	42	40	+ 10	SE	3	c	2	cm	*	42	31	—
	Dungeness ...	29·89	34	N	2	m	29·83	− ·06	40	38	+ 7	SE	3	b	2	a, m, f	*	45	25	—
	North Foreland	29·89	40	NNE	2	c	29·87	− ·02	35	34	− 4	W	2	cm	2	c	*	41	34	0·02
	London (Brixton) ...	29·94	33	Z	0	m	29·86	− ·10	27	26	− 5	ESE	1	f	*	o, g, f	0·0	35	26	—
	Oxford	29·93	31	NE	2	o	29·82	− ·16	28	28	− 3	E	1	bc	*	o, g, f	*	33	25	—
	Cambridge ...	29·94	32	NNW	1	m	29·88	− ·09	21	21	− 9	SW	1	b	*	m	0·7	35	20	—
	Yarmouth ...	29·90	39	NNE	3	c	29·88	− ·03	32	31	− 6	NNE	1	bc	3	c	*	40	30	—
GERMANY & HOLLAND	Cuxhaven ...	29·91	35	E	1	f	30·00	+ ·18	34	33	− 1	SSE	1	f	*	f	*	36	34	—
	Berlin	29·95	34	W	2	f	30·00	+ ·19	35	34	+ 1	NE	2	f	*	f	*	36	?	—
	Wiesbaden ...	*	*	*	*	*	29·91	+ ·10	34	33	0	E	1	o	*	*	*	39	34	—
	Munich	29·89	29	SW	4	o	29·93	+ ·17	28	28	0	E	1	o	*	o	*	30	28	0·04
	The Helder ...	29·88	37	NNE	1	c	29·91	+ ·06	36	35	− 2	ESE	1	f	1	c	*	39	36	—
BELGIUM	Brussels ..	*	*	*	*	*									*		*			
	Cape Gris Nez	29·82	38	SE	1	r	29·87	+ ·03	35	34	− 1	SSE	1	o	1	r	*	43	30	0·39
	Paris ...	29·95	37	N	1	o	29·91	·00	27	27	− 7	E	1	b	*	o	*	41	26	—
	Brest	29·74	43	ESE	3	r	29·48	− ·40	47	46	+ 11	SE	6	o	7	r	*	47	39	0·08
	Lorient ...	29·80	46	SE	5	c	29·53	− ·38	44	41	+ 5	SE	6	o	4	c	*	46	34	0·12
FRANCE	Rochefort ...	29·88	41	SE	4	b	29·73	− ·25	35	33	?	E	5	c	*	b	*	46	32	—
	Belfort ...	29·90	30	Z	0	m	29·92	+ ·08	29	29	+ 1	SW	1	m	*	m	*	32	28	0·04
	Lyons ...	29·96	31	N	1	m	29·97	+ ·09	29	29	0	ENE	1	m	*	m	*	36	29	0·34
	Nice	29·62	43	NE	1	b	29·81	+ ·25	39	39	− 2	E	1	b	2	b	*	50	37	—
	Perpignan ...	29·93	39	NW	3	b	29·89	·00	28	27	− 8	NE	2	b	*	b	*	44	27	—
	Biarritz ...	29·85	43	E	3	b	29·62	− ·34	50	43	+ 15	ESE	5	o	2	b	*	52	35	—
PENINSULA	Corunna ...																*			
	Lisbon	29·75	57	S	4	o	29·60	− ·39	55	53	+ 4	W	4	c	*	o	*	61	51	1·75
	Azores (P. Delgada)	29·86	53	NW	4	c	29·58	− ·36	57	54	+ 2	WSW	6	c	7	c	*	63	52	0·04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

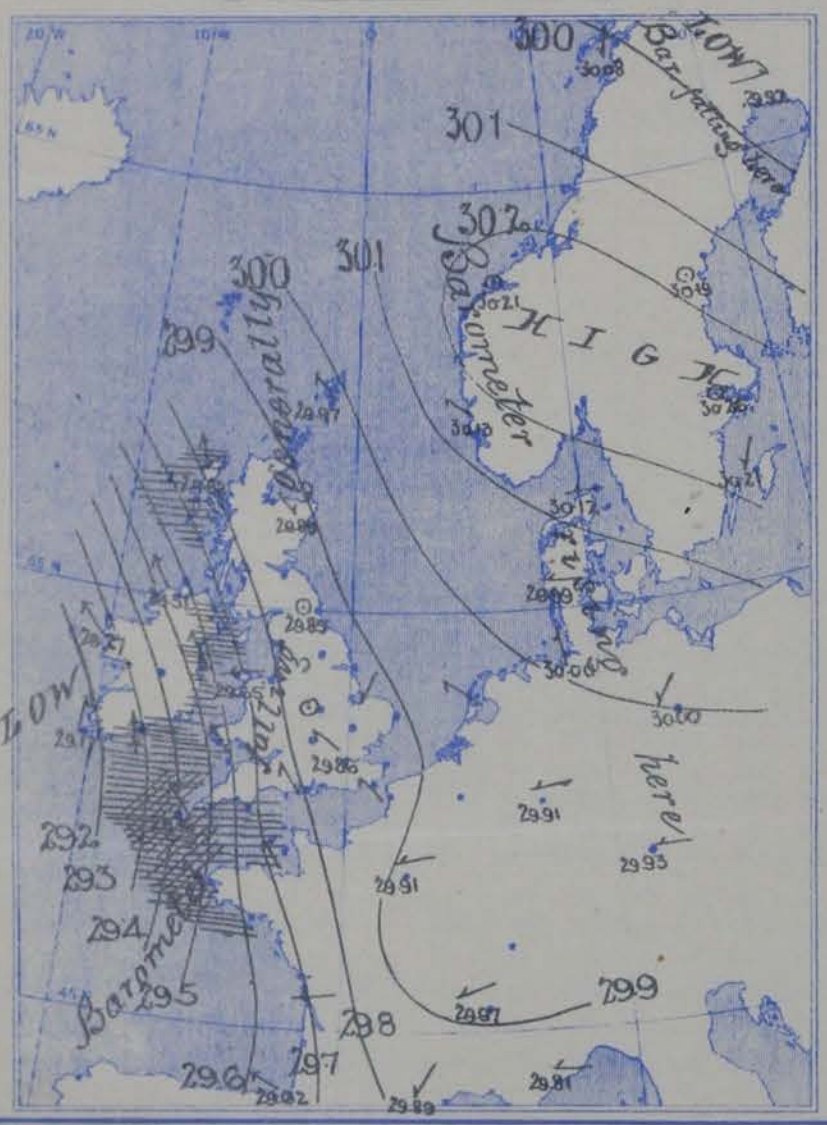
Eastbourne: Sunshine yesterday 3·4 hrs:

WEATHER CHARTS

FOR SUNDAY, 22nd DEC.r 1895

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus —0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·94	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·90	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·09	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·19	19·4	8
Oxford	29·935	37·0	35·9	42·9	33·5	2·19	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins. and upwards, in an anticyclone lying over the Central parts of Scandinavia.

Lowest, 29·2 ins. and less, in a depression off the southwest of Ireland.

Gradient, steep on our western coasts, but slight elsewhere. Barometer falling in most parts of the United Kingdom and France, but rising at some of our western stations, but inclined to rise again at Valencia (Ireland); rising in Denmark, Germany, and the south of Scandinavia.

TEMPERATURE

Highest, 55° at Lisbon, 50° at Roche's Pt., Scilly, and Biarritz, 47° at Valencia (Ireland) and Brest, and 45° at Pembroke.

Lowest, (1) 9° at Hernösand and 16° at Haparanda; (2) 20° at Loughborough and 21° at Cambridge; (3) 27° at Paris, and 28° at Memel.

Sharp frost occurred last night in most parts of Great Britain, the sheltered thermometer falling to 20° at Loughborough and Cambridge, 22° at Nairn, and 25° at Leith, Oxford, and Dungeness.

WIND

Strong to a gale from the SE. on our western coasts; moderate or fresh from the same quarter in the west of France and also in the north of Scotland. Light and variable on the east coasts of Great Britain. E. over the Netherlands, Central France, Germany, Denmark, and the south of Scandinavia, light from between W. and N. in the north of Scandinavia.

WEATHER

Fair or fine over the Eastern and Central parts of Great Britain and France generally, but with fog or mist in many places. Dull in nearly all other parts of our area, with rain in the southwest of our Islands.

Since yesterday morning heavy rain has fallen on our southwestern coasts, the amount being as large as 1·3 ins. at Roche's Pt.; at Lisbon the fall amounted to 1·8 ins. A little rain or snow fell yesterday in the north of Scotland, as well as at many of the Continental stations. Aurora was seen in the N. of Scotland.

SEA

High at the mouth of the English Channel, rough or rather so on most parts of our western and southwestern coasts, as well as at Horsea I.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 23rd DEC. 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↓ 0 SCOTLAND NORTH	NONE ISSUED	↓ 6 SCOTLAND WEST	NONE ISSUED
↓ 1 SCOTLAND EAST		↓ 7 ENGLAND N.W.	
↓ 2 ENGLAND N.E.		↓ 8 ENGLAND S.W.	
↓ 3 ENGLAND EAST		↓ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		↓ 10 IRELAND SOUTH	
↓ 5 ENGLAND SOUTH		WARNINGS	At 3·50 pm yesday to districts 8 and 10, at 7·15 pm to districts 0, 1, 6, 7, and 9, and at 9·40 am today to districts 2, 3, and 5 "Hoist South Cone"

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.10	32	32	ENE	2	s	2	Valencia	29.65	46	41	ESE	6	o	4
Sumburgh Head	30.02	39	35	ESE	1	bc	3	Scilly	29.77	46	43	ESE	5	o	4
Stornoway	29.92	37	36	E	0	om	0	Jersey	29.89	44	41	E	2	cgm	3
Aberdeen	29.99	32	31	W	1	cm	3	Hurst Castle ...	29.91	37	36	NE	3	bm	2
Shields	29.95	36	35	E	0	bc	3	Dungeness ...	29.89	37	36	N	3	o	2
Ardrossan	29.94	34	33	NE	3	of	1	North Foreland	29.90	41	39	NNE	2	c	4
Malin Head ...	29.84	36	35	SSE	4	om	1	London (Westminster)	29.94	36	34	E	0	ogf	*
Belmullet	29.72	3[illegible]	34	SE	4	b	*	Yarmouth ...	29.90	40	37	NNE	3	bc	4
Holyhead	29.88	38	35	SE	2	bc	1	Rochefort ...	29.92	44	42	E	3	m	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the western parts of our Islands and also in the west and south of France. Cloudy or overcast elsewhere with fog or mist over Great Britain and Germany, and with snow in several parts of Central Europe. Thunderstorm reported at Malta. Snow or hail falling later in the north of Scotland, and heavy rain setting in on our extreme southwest coasts;—as much as 1.3 in. at Rocken Point. Rain or snow falling also at many of the Continental stations,—heavily at Lisbon. Aurora seen in the north of Scotland at night.

Temperature fallen over the greater part of our Islands and also over Southern Europe, most quickly in the south of Ireland: changed irregularly elsewhere. Morning readings highest 58° at Malta, 57° at Oran, 55° at Algiers, and 53° at Perpignan, above 50° at most of the Mediterranean and Adriatic stations, as well as on the Portuguese coasts. Lowest, 8° at Ukarlov, 16° at Archangel, 17° at Kiev, 19° at Hernosand, and 20° at Riga; below the freezing point in many parts of our Islands and France, and as low as 22° at Parcombown. Daily maxima below 35° in many parts of Great Britain; thermometer exceeding 50° in the south of France, and reaching 61° at Lisbon. Sharp frost occurring over Great Britain at night.

Wind E or SE in the west coast of our islands, France, and the Spanish Peninsula, variable in Scotland; light from the N over the greater part of England and also over the Netherlands and Central France. E or NE at most of the Scandinavian, Danish, and Baltic stations, but calm in the north of Sweden. Light and variable over Russia and Germany; N or NW over Northern Italy and the south of France; SW in the south of Italy. SE rising increasing in force later on our western coasts, and blowing a gale at night.

Barometer highest 30.3 in. and upwards in an anticyclone lying over Finland and the central parts of Sweden, 30.1 in. and less in another system over Morocco and the extreme south of Spain. Lowest 29.5 in. in a depression over the Atlantic; 29.8 in. there, in a disturbance lying to the southwestward of our Islands. Latter disturbance subsequently spreading northeastwards and Barometer falling rather decidedly on our extreme southwest coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 23rd December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·00	22	N	4	b	30·11	+·19	23	22	+7	W	2	bc	*	b	*	23	12	—
	Hernösand ...	30·14	18	N	2	b	30·23	+·04	17	15	+8	N	2	b	*	b	*	19	5	—
	Stockholm ...	30·12	27	W	2	0	30·15	-·11	31	29	+1	N	4	0	*	0	*	32	27	—
	Wisby	30·16	30	SE	2	0	30·09	-·12	34	32	+4	N	6	0	*	0	*	34	25	—
	Karlstad ...	30·21	23	NNW	2	0	30·25	·00	21	19	-9	NNW	2	b	*	0	*	41	*	—
	Bodö	30·25	30	ENE	1	b	30·29	+·21	28	26	-9	E	2	bc	1	b	*	37	27	—
	Christiansund ...	30·21	30	ESE	2	b	30·23	+·02	31	29	+2	ESE	2	b	3	b	*	31	28	—
	Skudesnaes ...	30·14	35	E	4	0	30·17	+·04	32	32	-2	E	1	b	2	0	*	36	30	*
	Færder (Christiania Fjord)	30·23	29	NNE	2	0	30·25	+·02	27	26	-4	NNW	2	0	2	0	*	31	23	—
	Skagen (The Scaw)	30·17	31	E	1	0	30·19	+·07	27	26	-7	E	1	0	0	0	*	36	27	—
	Fanö	30·03	35	E	2	0	30·08	+·09	32	32	-2	E	3	0	*	0	*	36	32	0·04
	Sumburgh Head	29·95	40	SE	4	0	30·00	+·03	42	39	+3	SE	3	0	6	0	*	43	36	0·03
	Stornoway ...	29·68	40	SE	5	0u	29·73	-·09	41	39	+4	SSE	4	bc	4	c.o	1·9	41	35	--
	Wick	29·80	41	SE	5	0	29·83	-·02	43	42	+5	SE	6	ou	5	0	*	43	37	0·05
	Nairn	29·77	33	E	1	b	29·81	-·05	39	37	+11	E	1	c	2	b	*	40	25	0·01
	Aberdeen ...	29·87	38	SSE	3	cp	29·91	+·02	41	40	+13	SE	5	ogqp	5	sp.rp	0·0	42	28	0·06
BRITISH ISLANDS.	Leith	29·79	35	SSW	1	bc	29·80	-·04	39	37	+8	E	3	0	*	bc	*	40	30	-
	Shields	29·81	39	SE	2	cp	29·84	-·01	42	39	+14	ESE	4	0	4	f.p.c	*	42	26	0·03
	Spurn Head ...	29·82	41	ESE	4	bc	29·80	-·05	41	39	0	SE	5	0	4	c.p	*	41	38	0·02
	York	29·61	33	E	1	b	29·83	-·03	37	36	+8	SE	1	0	*	b	*	39	29	0·01
	Loughborough ...	29·80	29	ESE	1	c	29·78	-·08	35	33	+15	SE	3	0	*	f.c.m.o	*	35	19	-
	Ardrossan ...	29·69	36	NE	5	om	29·72	-·04	41	39	+9	NE	3	om	2	om	*	41	30	-
	Malin Head ...	29·41	38	SE	7	ors	29·53	+·02	40	38	+3	ESE	7	og	4	ors	*	40	36	0·26
	Belmullet ...	29·28	44	SE	6	0	29·38	+·11	40	39	+4	ESE	6	0	*	0	*	44	34	0·05
	Donaghadee ...	29·59	44	SE	8	0	29·65	-·03	41	40	+1	SE	8	c	6	0	*	44	39	0·09
	Liverpool (Bidston)	29·70	37	ESE	4	0	29·71	-·07	35	33	+3	ESE	6	0	4	bcm.o	*	37	32	-
	Holyhead ...	29·57	42	SE	5	om	29·59	-·06	38	35	-1	E	5	ogm	4	om	*	43	35	0·01
	Parsonstown ...	29·35	44	SE	4	r	29·40	+·06	42	40	0	E	2	oq	*	o.r	0·0	44	38	0·48
	Valencia ...	29·25	49	SE	4	0	29·16	-·01	51	46	+4	ESE	6	oqu	0	0	0·0	51	46	-
	Roche's Point ..	29·29	48	SSE	7	rq	29·32	+·08	50	49	0	SE	7	0	6	qr.b	*	50	46	1·40
	Pembroke (St. Ann's Hd.)	29·46	44	SE	7	r	29·48	-·02	41	40	-4	SE	7	0	6	or	0·0	46	40	0·10
	Scilly	29·34	46	ESE	8	r	29·35	-·01	51	50	+1	SE	6	c	6	or	0·0	51	44	0·49
	Prawle Point ...	29·53	43	SE	7	0	29·52	-·12	45	43	+1	ESE	6	0	5	o.p	*	45	44	0·04
	Jersey (St. Aubin's)	29·59	41	ESE	7	cg	29·59	-·13	41	41	-1	SE	4	f	3	c.qp	*	42	39	0·06
	Hurst Castle ...	29·66	41	ESE	3	bc	29·64	-·13	41	39	-1	ESE	3	0	2	bc	*	45	40	-
	Dungeness ...	29·79	40	ESE	3	c	29·74	-·09	36	35	-4	ESE	4	c	3	bc.o	*	43	35	-
	North Foreland	29·80	40	SE	4	0	29·76	-·11	37	35	+2	ESE	5	oq	4	c.o	*	43	34	-
	London (Brixton) ...	29·79	32	ESE	1	bf	29·75	-·11	33	32	+6	E	2	bc	*	cm.o	0·0	36	29	-
	Oxford	29·75	35	SE	2	b	29·74	-·08	33	32	+5	E	2	0	*	b	*	38	28	-
	Cambridge ...	29·81	34	ESE	1	0	29·78	-·10	35	34	+14	ESE	3	0	*	0	0·6	36	20	-
	Yarmouth ...	29·84	39	SE	4	og	29·81	-·07	39	36	+7	ESE	6	0	4	og	*	39	30	0·03
GERMANY & HOLLAND.	Cuxhaven ...	30·00	34	E	2	0	30·03	+·03	35	34	+1	ENE	3	bc	*	0	*	36	34	-
	Berlin	29·98	33	2	0	0	29·98	-·02	33	31	-2	NNE	2	r	*	0	*	37	32	-
	Wiesbaden ...	*	*	*	*	*	29·91	·00	32	31	-2	2	0	0	*	*	*	36	28	-
	Munich... ..	29·86	30	2	0	0	29·90	-·03	26	36	-2	NW	2	0	*	0	*	32	27	-
	The Helder ...	29·91	35	ESE	1	f	29·93	+·0[illegible]	34	33	[illegible]	E	2	0	1	f	*	37	32	-
BELGIUM.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez..	29·66	33	SE	2	bc	29·67	-·14	30	29	-5	E	3	0	3	bc	*	39	28	-
	Paris	29·80	33	ESE	2	b	29·74	-·17	30	30	+3	ESE	2	0	*	b	*	40	29	-
	Brest ...	29·38	45	ESE	5	0	29·44	-·04	44	?	-3	ESE	4	bc	3	0	*	48	41	-
	Lorient... ...	29·48	42	ESE	6	0	29·52	-·01	44	44	0	E	5	m	5	0	*	48	36	0·20
FRANCE &	Rochefort ...	29·56	41	SE	5	0	29·61	-·12	44	42	+9	SSE	5	c	0	0	*	43	30	0·12
	Belfort ..	29·86	28	E	3	m	29·84	-·08	28	28	-1	E	3	0	*	m	*	33	26	-
	Lyons ...	29·88	25	E	1	b	29·95	-·12	29	28	0	ENE	1	0	*	b	*	35	23	-
	Nice	29·87	44	SSW	1	bc	29·83	+·02	43	38	+4	E	1	0	3	bc	*	52	37	-
	Perpignan ...	29·76	39	W	2	0	29·78	-·11	34	33	+6	W	2	b	*	0	*	44	28	-
	Biarritz ...	29·56	58	S	5	0	29·62	·00	53	49	+3	SSE	4	b	3	0	*	59	50	-
PENINSULA.	Corunna ...																*			
	Lisbon	29·68	55	SSW	4	0	29·55	-·05	60	57	+5	SSW	6	0	*	0	*	59	54	0·16
	Azores (P. Delgada)	29·41	48	WNW	5	0	29·43	-·15	50	45	-7	WNW	4	c	6	0	*	63	41	0·40

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

Eastbourne:- Sunshine yesterday 4.3 hrs.

WEATHER CHARTS

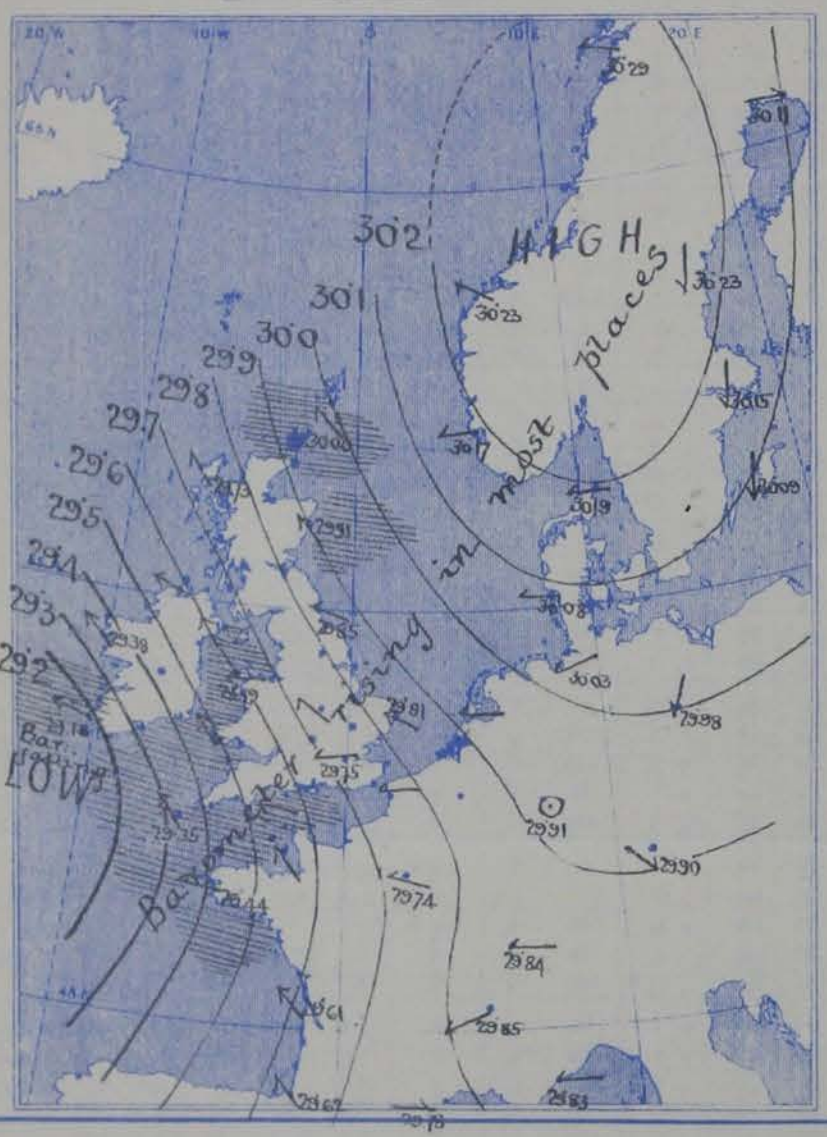
FOR *Monday, 23rd December, 1895*

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ : }

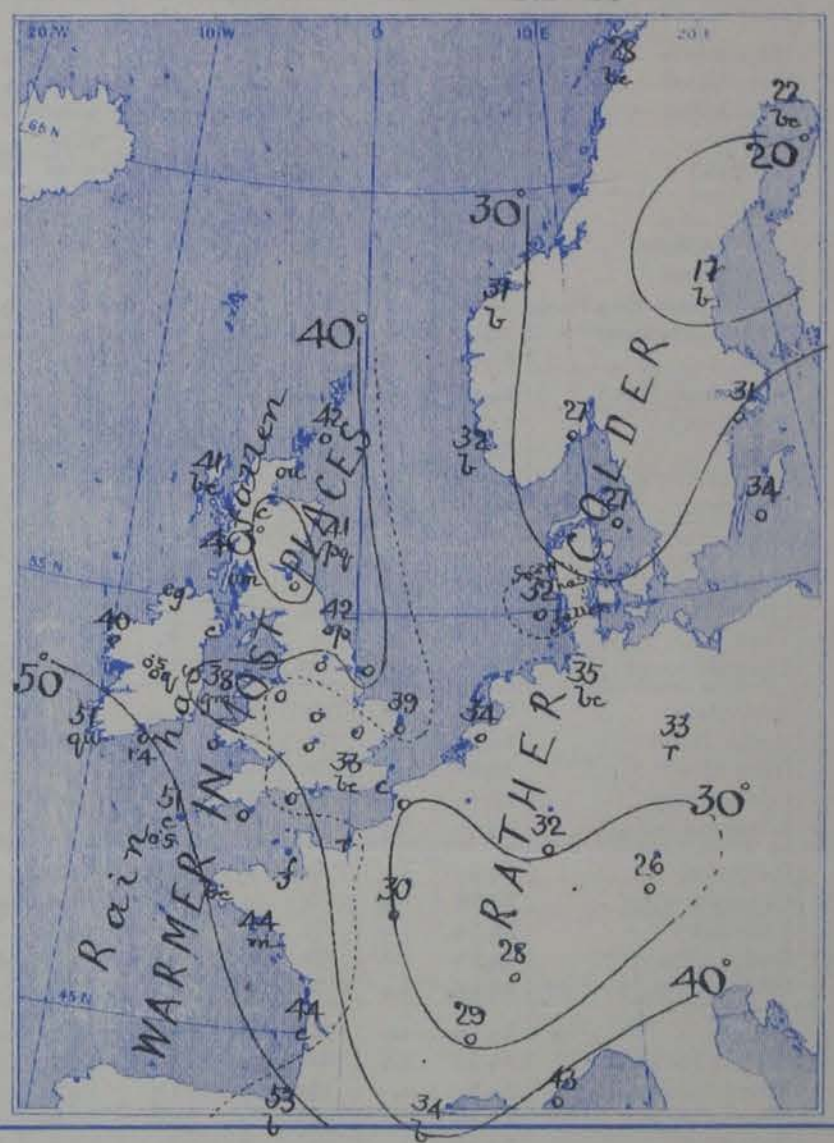
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER Shown by Letters of the Beaufort Scale.

RAINFALL { *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins. and upwards, in an anticyclone covering the greater part of Scandinavia.
Lowest, 29·2 ins. and less, in a depression lying off the southwest of Ireland.
Gradients rather steep over the west and north of our Islands, but moderate or slight elsewhere.
Barometer rising a little over Western Europe generally, but falling again on our southwest coasts,—rather decidedly at Valencia (Ireland).

TEMPERATURE

Highest, 60° at Lisbon, 53° at Biarritz, 51° at Valencia (Ireland) and Scilly, 50° at Rockingham and 45° at Howth.
Lowest, (1) 17° at Haparanda, 21° at Karlstad, and 23° at Hofdalanda; (2) 26° at Munich and 28° at Belfast; (3) 33° in London and at Cambridge.
The maxima for the past 24 hours were below 40° at many of the English stations; at Loughborough the thermometer has not exceeded 35°.

WIND

SE^{ly} over the whole of our Islands and France, and strong to a gale in force on our west and southwest coasts.
Light from the E^{ly} on the eastern shores of the North Sea; N^{ly} in Sweden, and strong in force at Wick.

WEATHER

Cloudy or dull over Western Europe generally, with a threatening appearance at Valencia (Ireland); rain is falling at Dublin.
Snow at most of the Scandinavian stations.
Heavy rain fell yesterday in the southwest of our Islands (as much as 1·4 ins. at Rockhampton), and showers at many of our northwestern northern and eastern stations. Aurora was seen at Wick.

SEA

Rough or rather so on our western coasts generally, as well as off the north and northeast of Scotland, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new depression is apparently advancing towards the southwest of Ireland, and the southeasterly wind is therefore likely to increase on many parts of our coasts, with rain or sleet in places.

FORECASTS

For the 24 hours ending at NOON on 24th Decr. 1895.

DISTRICTS.	FORECASTS.
↓T 0 SCOTLAND NORTH; ↓T 1 SCOTLAND EAST; ↓T 2 ENGLAND N.E.; ↓T 3 ENGLAND EAST	SE^{ly} winds, increasing in force; dull, some cold showers.
4 MIDLAND COUNTIES; ↓T 5 ENGLAND SOUTH	E^{ly} and SE^{ly} winds, freshening considerably; fair at first, then unsettled, with some rain or sleet.
↓T 6 SCOTLAND WEST; ↓T 7 ENGLAND N.W.; ↓T 8 ENGLAND S.W.; ↓T 9 IRELAND NORTH; ↓T 10 IRELAND SOUTH	SE^{ly} strong winds or gales; unsettled, some rain.
WARNINGS	The SOUTH CONE is still flying on all coasts.

Note.—The **South Cone**, *point downwards* (↓T), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑T), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.15	34	32	ENE	2	bc	2
Sumburgh Head							
Stornoway	29.71	41	38	SSE	4	c	5
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.41	37	37	SE	7	o	4
Belmullet	29.27	44	42	SE	6	o	*
Holyhead							
Valencia							
Scilly							
Jersey	29.65	42	38	SE	7	c	5
Hurst Castle ...							
Dungeness ...	29.79	42	40	SE	[illegible]	bc	3
North Foreland	29.79	42	39	SE	2	c	3
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.62	40	39	SE	5	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF THE CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 15TH TO THE 21ST DEC: 1895

This week opened with a continuation of the rainy unsettled conditions noticed in the summary for the week ended on the 14th — the distribution of pressure over our Islands at 8 a.m. on Monday (16th) being even more complex than that observed during any part of the period embraced in the previous week, there being two distinct minima over the Irish Sea and the north of Ireland at that hour. NW winds were prevalent at the Irish Stations, with showers of snow and hail, but S or SE over England, with occasional falls of rain, and lightning had been seen in the extreme southwest of England.

A decided change now took place. The depressions referred to above filled up, a large anticyclonic area spread out in a W direction from northern Europe, while over the Bay of Biscay and our southwest coasts pressure gave way. E winds consequently set in over the British Islands and their neighbourhood; in most districts the weather became drier, but in the southwest of England heavy falls of rain occurred on the 17th, and some smaller falls over France, but only slight drizzling showers locally over the northern and eastern parts of the United Kingdom.

Very little rain occurred from this time until Thursday and Friday, when, owing to disturbances over Germany and the southeast of France a heavy fall of rain was reported over the Riviera, followed by considerable quantities in the northeast of France and northwest of Germany.

At the close of the week pressure was high over Scandinavia and the northern part of the North Sea, while depressions were being developed over the Bay of Biscay, and the wind was increasing from the E on our southwest coasts, with rain, a rising sea, and threatening appearance.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 24th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·34	21	2	0	r	30·32	+ ·21	15	15	− 8	2	0	0	*	0	*	25	?	—
	Hernösand ...	30·39	15	2	0	bc	30·46	+ ·23	7	6	− 10	2	0	b	*	bc	*	21	?	—
	Stockholm ...	30·27	30	NNW	2	0	30·39	+ ·24	30	28	− 1	NE	2	0	*	0	*	32	23	—
	Wisby	30·19	31	E	6	c	30·33	+ ·24	30	28	− 4	E	4	0	*	c	*	34	27	0·44
	Karlstad ...	30·36	25	NW	4	0	30·43	+ ·18	26	24	+ 5	N	4	0	*	0	*	*	*	—
	Bodö	30·37	26	E	2	b	30·37	+ ·08	27	25	− 1	E	2	bc	1	b	*	28	25	—
	Christiansund ...	30·30	30	ESE	1	b	30·38	+ ·15	28	27	− 3	ESE	1	b	2	b	*	31	25	—
	Skudesnaes ...	30·26	34	E	3	b	30·29	+ ·12	34	32	+ 2	E	4	b	2	b	*	36	28	*
	Færder (Christiania Fjord)	30·35	29	NNE	3	b	30·42	+ ·17	30	28	+ 3	NNE	3	0	2	b	*	30	25	—
	Skagen (The Scaw)	30·28	29	E	3	0	30·32	+ ·13	32	31	+ 5	E	1	0	0	0	*	34	27	—
	Fanö	30·14	31	ENE	4	0	30·16	+ ·08	30	29	− 2	E	4	c	*	0	*	34	28	—
	Sumburgh Head	30·03	40	SE	4	0	30·08	+ ·08	39	36	− 3	SE	4	0	7	0	*	43	35	0·05
	Stornoway ...	29·74	43	SE	5	b	29·75	+ ·02	41	38	0	SSE	5	c	5	bc, b	2·3	45	38	—
	Wick	29·92	40	SE	8	0	29·90	+ ·07	40	40	− 3	SE	8	ow	6	ohpq	*	43	38	0·12
	Nairn	29·83	41	E	2	c	29·82	+ ·01	38	35	− 1	ESE	2	bc	2	c	*	42	35	—
	Aberdeen ...	29·93	41	SE	9	ogq	29·93	+ ·02	37	35	− 4	SE	8	ogpq	8	ogpq	0·0	42	37	0·16
BRITISH ISLANDS.	Leith	29·80	42	E	2	0	29·75	− ·05	38	36	− 1	ESE	4	0	*	o, q	*	42	36	0·01
	Shields	29·83	43	SE	7	0	29·75	− ·09	39	37	− 3	ESE	8	0	7	p, o	*	43	37	0·10
	Spurn Head ...	29·77	42	ESE	6	0	29·64	− ·16	39	37	− 2	ESE	6	oq	6	oq	*	42	38	—
	York	29·80	38	SE	2	c	29·68	− ·15	37	36	0	E	4	0	*	c	*	40	35	0·03
	Loughborough ...	29·75	34	E	3	0	29·58	− ·20	36	36	+ 1	E	5	ogpq	*	o, c, ogq	*	37	35	—
	Ardrossan ...	29·71	41	NE	5	om	29·61	− ·11	40	38	− 1	ENE	7	om	3	om	*	43	38	—
	Malin Head ...	29·47	40	SE	8	og	29·40	− ·13	40	37	0	ESE	8	og	4	og	*	41	39	—
	Belmullet ...	29·35	40	SE	7	0	29·24	− ·14	41	40	+ 1	E	8	0	*	0	*	42	35	0·06
	Donaghadee ...	29·64	41	ESE	9	c	29·51	− ·14	42	40	+ 1	ESE	9	c	7	c	*	42	38	—
	Liverpool (Bidston)	29·66	35	E	6	0	29·48	− ·23	37	35	+ 2	E	8	0	?	0	*	38	35	—
	Holyhead ...	29·53	39	E	6	om	29·38	− ·21	38	36	0	E	8	oq	6	omp, om	*	40	35	—
	Parsonstown ...	29·38	42	E	3	0	29·21	− ·19	40	39	− 2	E	2	or	*	or	0·0	42	39	0·27
	Valencia ...	29·12	48	E	6	og	28·95	− ·21	50	47	− 1	E	5	oq	4	rg, og	0·0	52	43	0·87
	Roche's Point ..	29·23	48	SE	8	rq	29·06	− ·26	49	49	− 1	SE	8	rq	6	rq	*	50	46	1·80
	Pembroke (St. Ann's Hd.)	29·41	40	SE	8	0	29·14	− ·34	40	40	− 1	ESE	7	r	6	0	0·0	42	36	0·22
	Scilly	29·16	51	ESE	8	r	29·04	− ·31	51	49	0	SSE	5	0	6	r	0·0	52	48	0·84
	Prawle Point ...	29·42	46	ESE	7	0	29·19	− ·33	47	47	+ 2	ESE	6	r	5	o, r	*	47	43	0·94
	Jersey (St. Aubin's)	29·52	46	SE	3	og	29·27	− ·32	46	45	+ 5	ESE	6	bp	4	f, ogp	*	48	40	0·47
	Hurst Castle ...	29·58	42	E	3	om	29·35	− ·29	44	43	+ 3	ESE	5	rm	3	og, om	*	44	41	0·08
	Dungeness ...	29·68	36	ESE	4	0	29·48	− ·26	39	38	+ 3	E	5	c	4	c, o	*	40	35	—
	North Foreland	29·72	38	ESE	5	c	29·52	− ·24	39	37	+ 2	ESE	7	c	5	c	*	39	34	—
	London (Brixton) ...	29·70	35	E	2	c	29·50	− ·25	39	37	+ 6	ESE	5	0	*	bc, o, pq	0·3	39	32	—
	Oxford	29·67	36	E	2	0	29·45	− ·29	38	37	+ 5	E	5	ogq	*	bc, o	*	38	33	—
	Cambridge ...	29·75	33	ESE	2	c	29·57	− ·21	38	37	+ 3	ESE	6	o	*	c	0·4	38	31	—
	Yarmouth ...	29·77	40	ESE	7	c	29·64	− ·17	39	36	0	ESE	8	cg	6	cg	*	40	35	—
GERMANY & HOLLAND.	Cuxhaven ...	30·08	33	ESE	6	0	30·06	+ ·03	32	30	− 3	E	4	c	*	0	*	36	30	—
	Berlin	30·07	29	NE	3	0	30·11	+ ·13	27	26	− 6	E	3	0	*	0	*	36	23	—
	Wiesbaden ...	*	*	*	*	*	29·83	− ·08	35	33	+ 3	E	1	0	*	*	*	36	32	—
	Munich... ..	29·89	26	SE	2	0	29·80	− ·10	24	24	− 2	E	4	f	*	0	*	30	23	—
	The Helder ...	29·93	34	E	6	c	29·84	− ·09	33	31	− 1	E	7	0	4	c	*	36	32	—
BELGIUM.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez...	29·63	31	SSE	3	0	29·45	− ·22	32	32	+ ·2	ESE	5	0	5	0	*	50	28	—
	Paris	29·71	34	ESE	2	b	29·50	− ·24	36	34	+ 6	ESE	3	0	*	b	*	37	30	—
	Brest	29·27	50	ESE	5	r	29·11	− ·33	50	49	+ 6	S	5	r	5	r	*	52	44	0·55
	Lorient... ...	29·38	49	ESE	6	0	29·21	− ·31	50	47	+ 6	SW	4	b	6	0	*	50	44	0·35
FRANCE &	Rochefort ...	29·49	50	SSE	5	m	29·34	− ·27	47	45	+ 3	SSE	5	0	*	m	*	61	43	0·04
	Belfort	29·82	28	E	2	c	29·75	− ·09	24	24	− 4	E	2	m	*	c	*	31	24	—
	Lyons	29·79	36	NE	1	b	29·59	− ·26	46	42	+ 17	SE	3	c	*	b	*	48	29	—
	Nice	29·79	47	2	0	bc	29·79	− ·04	45	42	+ 2	2	0	r	3	bc	*	52	43	—
	Perpignan ...	29·71	43	SW	1	c	29·50	− ·22	40	40	+ 6	SW	2	0	*	c	*	50	34	—
	Biarritz ...	29·44	62	S	8	0	29·36	− ·26	59	53	+ 6	S	6	c	4	0	*	64	53	—
PENINSULA.	Corunna ...																*			
	Lisbon	29·49	56	SW	4	bc	29·54	− ·01	56	49	− 4	WSW	6	0	*	bc, r	*	63	52	0·79
	Azores (P. Delgada)	29·52	52	W	5	c	29·58	+ ·15	53	47	+ 3	NW	3	bc	6	c	*	55	50	0·08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

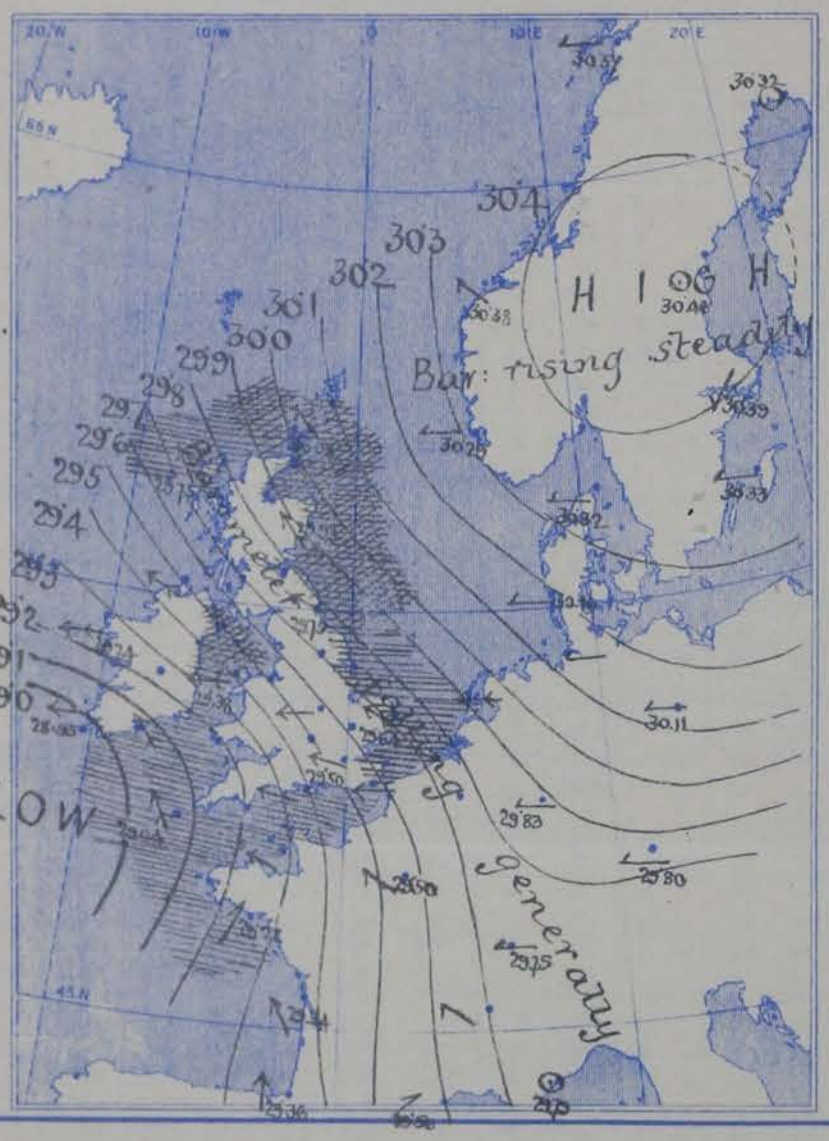
Eastbourne: Sunshine yesterday 0·0 hr.

WEATHER CHARTS

FOR Tuesday, 24th Decr 1895.

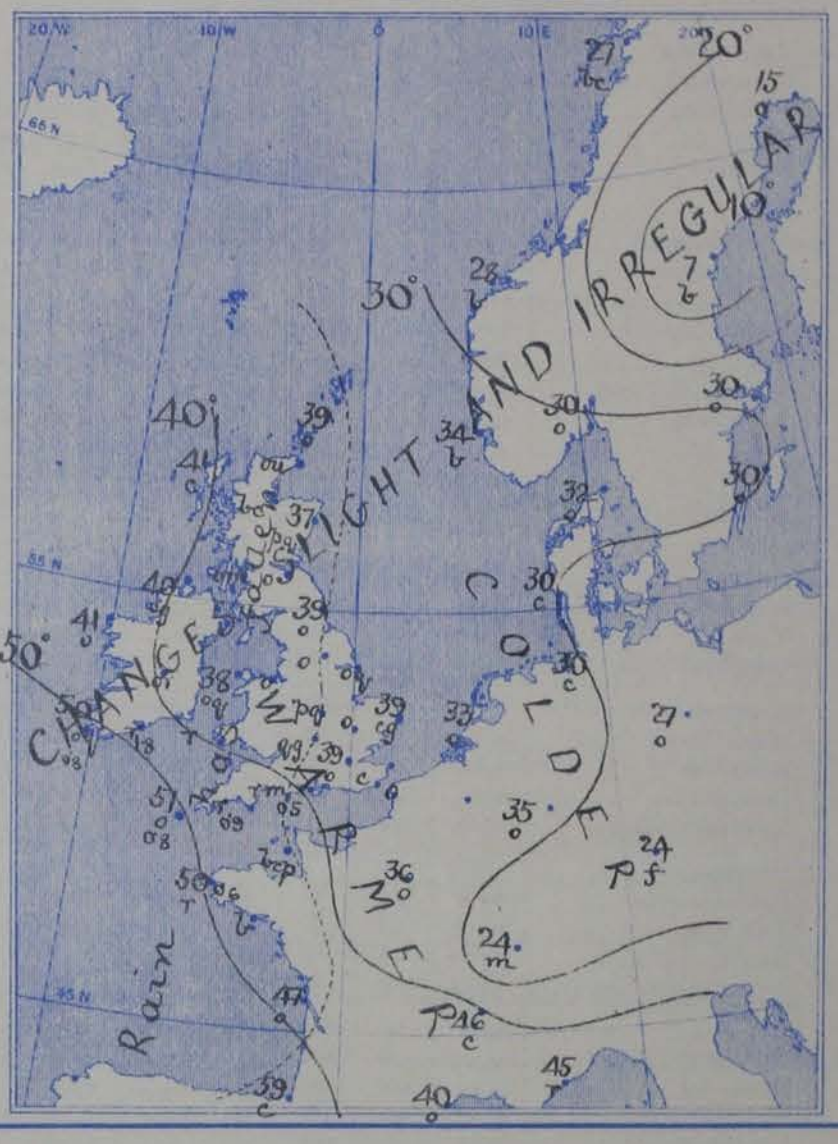
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; *Force 5 to 7* ; *Force 8 to 10* ; *Force 1 to 4* ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·79	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·4 ins. and more over Scandinavia and exceeding 30·0 ins. in a large anticyclone covering the whole of Sweden, Norway, the Baltic, North Germany and the greater part of the North Sea.
Lowest. Below 29·0 ins. in a deep depression lying off the southwest coast of Ireland.
Gradients steep for SE^{ly}. winds over the British Islands generally, moderate for S^{ly}. winds over the Bay of Biscay.
Barometer rising over the northern and northeastern districts, apparently falling in the south.

TEMPERATURE

Highest 59° at Biarritz, 51° at Scilly, 50° at Brest and Valencia (Ireland)
Lowest 7° to 15° in the north of Sweden, 26° at Karlstad, 24° at Munich, 36° to 39° over the inland and eastern parts of England.
It has risen over England, fallen at most of the Continental stations during the night.

WIND

SE^{ly}. over Scotland, E^{ly}. over Ireland and England and varying from a strong breeze to a strong gale in force. Over the Bay of Biscay there was a fresh to strong breeze from the S^{wd}.
Gales of considerable force, from the SE^{wd}, have been felt on all our coasts.

WEATHER

Fine over Scandinavia, dull and squally over our Islands, with rain in several places.
Very heavy rains are again reported from our southwestern coasts.
Bright sunshine - London 0·3 hrs. and Eastbourne none.

SEA

Very high on the east coast of Scotland, and very rough generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The movements of the depression are at present doubtful. E^{ly}. and SE^{ly}. gales are still probable in most places.

FORECASTS

For the 24 hours ending at NOON on 25TH DEC. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SE^{ly}. and E^{ly}. gales, moderating later, colder, some snow squalls.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	E^{ly}. gales, squally, very unsettled, cold showers.
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 to 2.
8 ENGLAND S.W.	SE^{ly}. to E^{ly}. gales, with cold rain.
9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos. 3 to 5.
WARNINGS	All our coasts were warned either on Saturday or Sunday.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.23	36	32	E	2	b	2	Valencia	29.08	50	47	SE	8	rg	6
Sumburgh Head	30.02	41	40	SE	3	o	6	Scilly	29.28	51	51	ESE	7	r	6
Stornoway	29.78	45	41	SE	6	bc	6	Jersey	29.52	43	43	SE	4	f	3
Aberdeen	29.92	42	40	SE	4	ofpq	5	Hurst Castle ...	29.61	42	40	ESE	3	og	3
Shields	29.82	42	40				5	Dungeness ...	29.67	37	36	ESE	4	c	3
Ardrossan	29.73	40	39	NE	4	om	2	North Foreland	29.74	38	35	ESE	5	c	4
Malin Head ...	29.50	39	37	SE	8	o	4	London (Westminster)	29.69	38	35	ESE	3	bcm	*
Belmullet	29.36	40	39	ESE	6	o	*	Yarmouth ...	29.78	39	37	ESE	6	cg	5
Holyhead	29.86	34	36	E	5	cmp	4	Rochefort ...							*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 25th DEC: 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30.15	7	2	0	b	29.95	−.37	13	13	−2	N	2	c	*	b	*	21	5	—
	Hernösand ...	30.35	3	2	0	b	30.23	−.23	4	3	−3	2	0	b	*	b	*	19	3	—
	Stockholm ...	30.43	28	2	0	0	30.34	−.05	27	25	−3	2	0	0	*	0	*	30	27	—
	Wisby	30.38	29	E	4	0	30.37	+.04	27	26	−3	ESE	4	0	*	0	*	32	25	—
	Karlstad ...	30.40	28	N	2	0	30.37	−.06	16	15	−10	NNW	2	b	*	0	*	*	*	—
	Bodö	30.25	33	E	2	bc	30.13	−.24	39	37	+12	W	6	c	3	bc	*	34	25	0.04
	Christiansund ...	30.38	26	ESE	1	b	30.38	.00	26	25	−2	ESE	1	b	2	b	*	28	23	—
	Skudesnaes ...	30.36	32	SSE	6	b	30.33	+.04	28	27	−6	SE	2	b	2	b	*	34	27	*
	Færder (Christiania Fjord)	30.45	30	NNE	4	0	30.38	−.04	28	27	−2	WNW	2	0	1	0	*	30	28	—
	Skagen (The Scaw)	30.36	32	E	3	0	30.36	+.04	32	29	0	ESE	2	0	0	0	*	32	27	—
	Fanö	30.13	31	E	6	c	30.13	−.03	32	31	+2	E	6	0	*	c	*	32	30	—
BRITISH ISLANDS	Sumburgh Head	30.11	37	SE	5	0	30.17	+.09	38	36	−1	SE	5	0	7	c,0	*	40	34	0.02
	Stornoway ...	29.77	39	SE	7	bc	29.83	+.05	40	38	−1	SE	6	c	6	c,bc	1.2	45	36	—
	Wick	29.93	38	SE	10	0	30.00	+.10	39	35	−1	SE	10	0	9	0	*	43	36	0.03
	Nairn	29.84	38	ESE	3	0	29.91	+.09	38	35	0	SE	3	0	2	0	*	40	34	0.01
	Aberdeen ...	29.91	38	SE	10	ogp,rsp	30.01	+.08	37	34	0	SE	8	ogpq	9	ogp,rsp	0.0	40	37	0.01
	Leith	29.74	38	ESE	5	0	29.88	+.13	35	37	0	ESE	5	c	*	0	*	39	35	—
	Shields	29.70	39	ESE	8	0	29.86	+.11	38	37	−1	ESE	7	0	8	0	*	40	36	0.02
	Spurn Head ...	29.55	36	E	7	op	29.74	+.10	34	33	−5	E	6	oq	6	o,op	*	39	33	—
	York	29.65	35	E	4	s	29.83	+.15	34	33	−3	E	1	0	*	ors	*	39	33	0.08
	Loughborough ...	29.52	35	NE	4	0	29.71	+.13	32	32	−4	ENE	4	oq	*	ogp,oq	*	36	32	0.03
	Ardrossan ...	29.56	41	E	8	ow	29.75	+.14	37	36	−3	NE	7	bcw	3	ow	*	43	36	—
	Malin Head ...	29.35	39	ESE	8	ogr	29.52	+.12	38	36	−2	ESE	8	og	4	o,ogr	*	41	36	0.02
	Belmullet ...	29.20	39	E	7	0	29.29	+.05	40	38	−1	SE	8	0	*	0	*	41	35	0.10
	Donaghadee ...	29.48	38	ESE	9	r	29.66	+.15	39	38	−3	ESE	9	c	7	r	*	42	36	0.25
	Liverpool (Bidston)	29.45	36	E	6	r	29.69	+.21	35	35	−2	E	5	0	?	s,r	*	38	34	0.07
	Holyhead ...	29.34	39	E	9	cpq	29.55	+.17	35	34	−3	ENE	8	cqw	6	oqprsw	*	39	34	0.07
	Parsonstown ...	29.18	40	SE	3	0	29.35	+.14	40	38	0	E	4	orq	*	o,rq	0.0	44	37	0.13
	Valencia ...	29.03	48	E	3	c	29.06	+.11	52	49	+2	SE	6	op	5	o,c	0.2	52	45	0.46
	Roche's Point ..	29.11	48	SE	4	b	29.17	+.11	48	48	−1	SE	8	r	6	b,r	*	50	46	0.80
	Pembroke (St. Ann's Hd.)	29.23	42	ESE	7	0	29.40	+.26	39	37	−1	ESE	7	c	6	0	0.0	43	38	0.09
	Scilly	29.12	52	SSE	4	p	29.25	+.21	53	50	+2	SE	5	0	4	r	2.4	54	47	0.17
	Prawle Point ...	29.27	49	SE	4	c	29.49	+.30	42	41	−5	ENE	7	rw	6	op,0	*	50	41	0.05
	Jersey (St. Aubin's)	29.29	47	SE	3	ow	29.51	+.24	46	45	0	ESE	3	ow	3	ow,og	*	48	44	0.03
	Hurst Castle ...	29.35	42	E	3	ow	29.56	+.21	38	36	−6	NE	3	0	2	ow	*	44	36	0.18
	Dungeness ...	29.40	38	E	4	r	29.52	+.04	36	35	−3	E	5	0	6	r,rs	*	39	35	0.47
	North Foreland	29.45	40	ESE	6	rq	29.59	+.07	35	33	−4	E	5	0	6	o,r	*	40	33	0.25
	London (Brixton) ...	29.43	38	E	5	0	29.62	+.12	33	33	−6	NE	3	od	*	og,ogr	0.0	39	33	0.25
	Oxford	29.45	38	ESE	3	0	29.64	+.19	33	32	−5	NE	4	0	*	rg,rs	*	38	33	0.27
	Cambridge ...	29.50	38	ESE	6	0	29.67	+.10	33	32	−5	E	5	0	*	o,s	0.0	39	31	0.02
	Yarmouth ...	29.55	37	ESE	9	ogq	29.67	+.03	34	32	−5	E	8	cg	6	ogr,sq	*	40	31	0.02
GERMANY & HOLLAND	Cuxhaven ...	30.04	31	E	6	c	30.06	.00	28	27	−4	E	5	c	*	c	*	31	27	—
	Berlin	30.11	27	E	4	0	30.06	−.05	19	18	−8	E	5	b	*	0	*	30	19	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	29.69	26	E	6	0	29.69	−.11	26	26	+2	SE	2	0	*	0	*	30	24	0.04
	The Helder ...	29.78	30	ESE	9	c	29.80	−.04	27	25	−6	ESE	9	c	4	c	*	34	25	—
BELGIUM	Brussels ..	*	*	*	*	*									*		*			
	Cape Gris Nez...	29.40	35	E	5	r	29.67	+.02	30	30	−2	ENE	5	s	5	r	*	36	28	0.55
	Paris	29.37	40	ESE	1	0	29.49	−.01	41	41	+5	WSW	2	0	*	0	*	42	36	0.08
	Brest	29.23	49	SE	2	bc	29.38	+.27	53	51	+3	S	3	bc	5	bc	*	54	48	0.12
	Lorient... ...	29.29	48	W	2	r	29.44	+.23	53	50	+3	SW	5	bc	6	r	*	57	50	0.34
FRANCE	Rochefort ...	29.35	50	W	5	r	29.54	+.20	47	46	0	S	4	b	*	r	*	52	45	0.28
	Belfort	29.58	27	NE	4	w	29.67	−.08	36	36	+12	SW	3	r	*	w	*	36	24	0.04
	Lyons ...	29.43	54	SSW	5	0	29.70	+.11	37	36	−9	S	1	bc	*	0	*	36	26	0.24
	Nice	29.72	45	2	0	r	29.68	−.11	45	44	0	E	1	c	4	r	*	48	45	0.16
	Perpignan ...	29.49	48	2	0	bc	29.65	+.09	40	39	0	2	0	0	*	bc	*	60	39	—
	Biarritz ...	29.41	57	SW	5	bc	29.56	+.20	51	46	−8	SSW	4	b	5	bc	*	68	50	—
PENINSULA	Corunna ...																*			
	Lisbon	29.62	56	WSW	5	c	29.75	+.21	56	52	0	SW	4	0	*	c	*	59	54	0.20
	Azores (P. Delgada)	29.61	57	W	4	c	29.54	−.04	59	57	+6	SW	7	c	6	c	*	59	55	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

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Eastbourne: Sunshine yesterday 0.0.

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FOR Wednesday, 25th December, 1895

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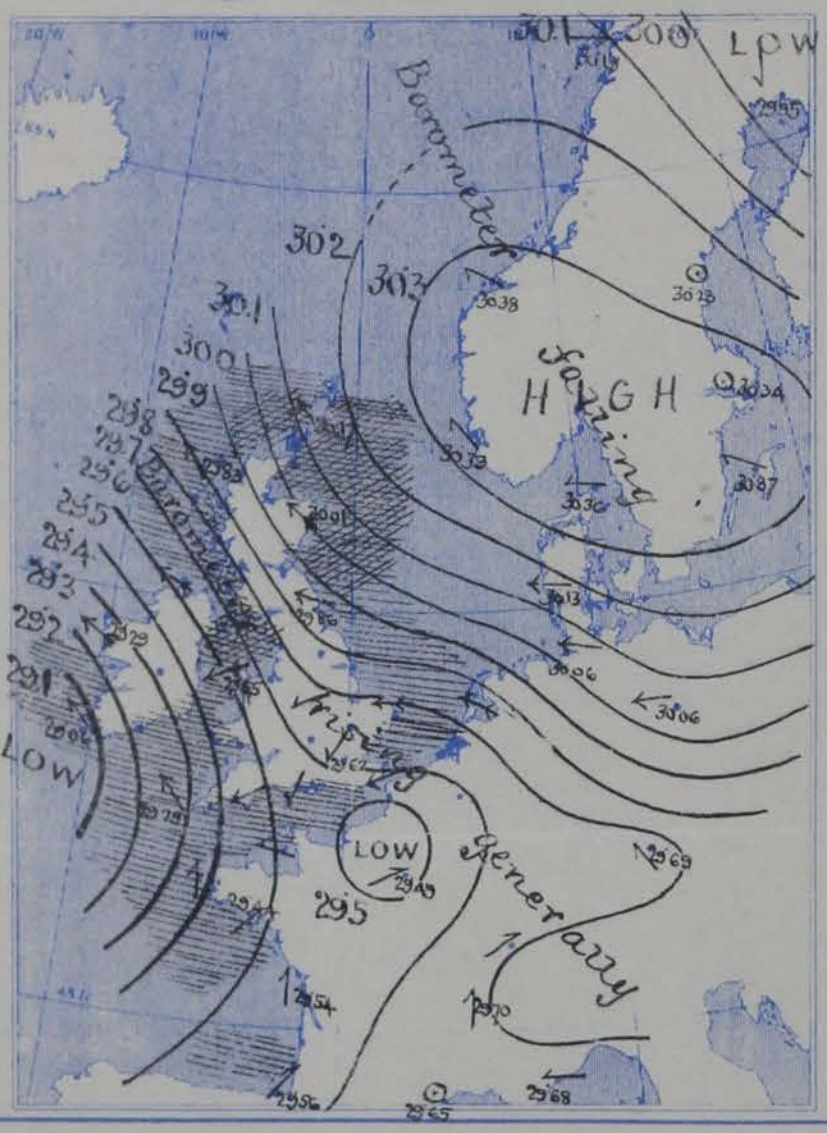
BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ➛ ; *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ➛ ; *Force 1 to 4* ⟶ ; }

SEA—Rough ▤ : *High* ▩



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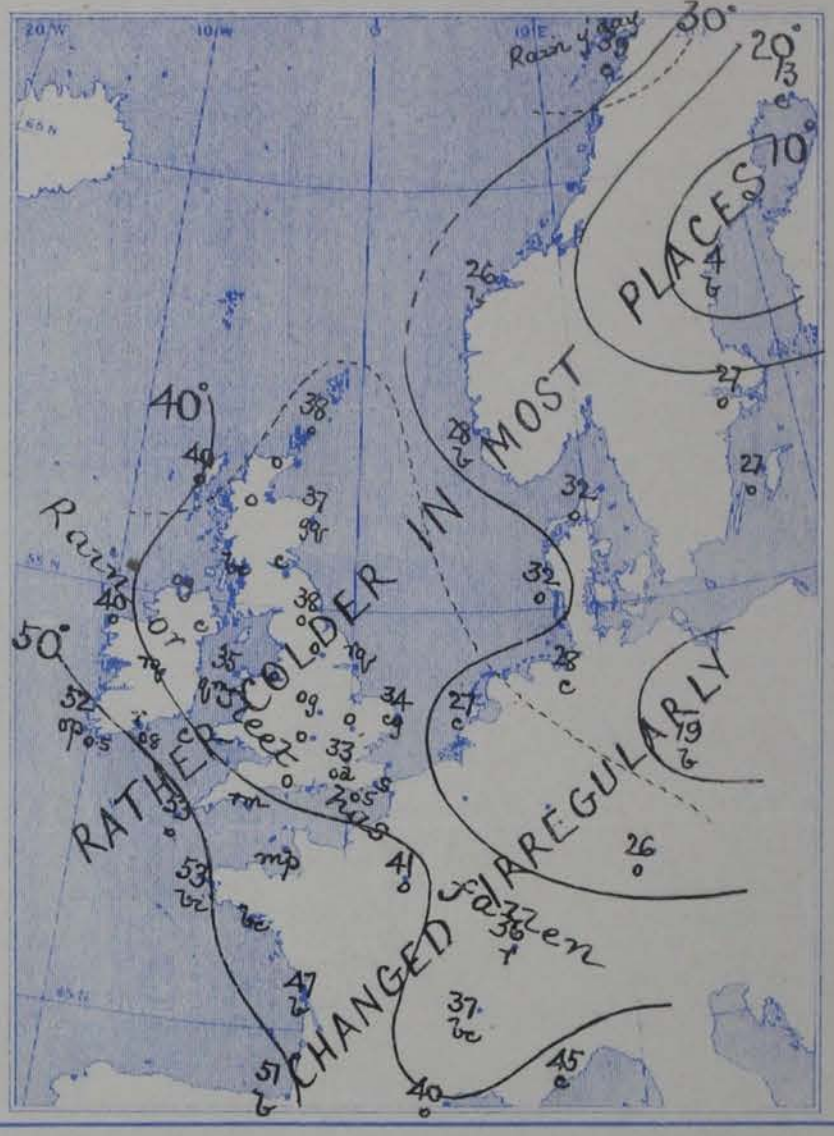
RAINFALL { *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
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Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Aridrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins. and more to 30·0 ins. in a well-marked anticyclone lying over Scandinavia and the northern and eastern parts of the North Sea.

Lowest. Below 29·1 ins. in a large depression lying off the SW. of Ireland, and below 29·5 ins. in a secondary system over the northeast of France.

Gradients steep for SE. winds over Ireland and the W. and N. parts of Gt Britain, rather steep for E. winds over the SE. and E. of England, but slight for SW. and S. winds over the greater part of France.

Barometer rising throughout our Islands, falling a little over Germany and quickly over Lapland.

TEMPERATURE

Highest 56° at Lisbon, 53° at Lorient, Brest and Marseilles, 52° at Valentia (Ireland); 41° at Paris.

Lowest: (1) 14° F. at Haparanda, 13° at Haparanda, 16° at Karlstad; (2) 19° at Berlin, 26° at Munich; (3) 32° at Loughborough, 33° or 34° at our other inland stations.

It had risen decidedly in several parts of France, but was falling irregularly over England. It had not touched 40° over our inland and eastern counties all day, and had not exceeded 30° over Germany.

WIND

(1) SE., a strong breeze to a strong gale on the western and northern coasts of the British Islands as well as along the E. coast of England, NE. moderate at Hurst Castle and in London.

(2) S. to SW. fresh to moderate over the Bay of Biscay, (3) light and anticyclonic over Scandinavia.

WEATHER

Fine at the Scandinavian stations and in Germany; very dull rough and unsettled over the British Islands, with heavy squalls except at the southern stations.

Sleet, hail or cold rain has fallen in all parts of the Kingdom; in the NE. and N. the falls have been slight, considerable in the SE. and heavy in the SW. In the SE of Ireland the rainfall has been exceptionally large during the last few days.

SEA

Tremendously high on the east coast of Scotland, very high at Shields, high at Tarbrach Head and Donaghadee, and rough generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 26TH DEC. 1895

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	None Issued.	6 SCOTLAND WEST	None Issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		▲ 8 ENGLAND S.W.	
▲ ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
▲ ENGLAND SOUTH		WARNINGS	At 7.15 pm. yesterday to districts 3, 5 and part of 8. Hoist N. cone.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.34	34	32	SSE	4	b	3
Sumburgh Head	30.10	38	36	SE	5	c	7
Stornoway	29.78	41	37	SE	7	c	7
Aberdeen	29.92	38	35	SE	9	ogpq	8
Shields	29.71	39	37	ESE	8	or	8
Ardrossan	29.58	39	38	E	8	om	3
Malin Head ...	29.37	40	38	ESE	8	o	4
Belmullet	29.19	40	39	ENE	9	o	#
Holyhead	29.34	37	36	E	9	ogrspu	7

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA
Valencia	28.99	48	46	SE	5	om	4
Scilly	29.10	52	49	S	4	c	5
Jersey	29.26	48	46	ESE	4	o	4
Hurst Castle ...	29.33	44	43	ESE	2	om	2
Dungeness ...	29.42	39	39	ENE	4	r	3
North Foreland	29.46	40	37	ESE	6	cq	6
London (Westminster)	29.43	39	38	E	5	dgm	#
Yarmouth ...	29.59	37	35	ESE	8	ors	6
Rochefort ...	29.35	49	48	SSE	5	c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine bright and quiet over Scandinavia, quiet but dull over the Baltic and Russia, dull and unsettled in France, with rain in places. Very dull, rough and squally over the British Isles with rain at the western stations, sleet at times in the north and northeast. Cold rain or snow later in almost all parts of the British Islands and France — heavy in the southwest, considerable in the southeast, slight in the north and northeast; weather dry over northern, central and eastern Europe.

Temperature rises over England and France, falls over Central Europe. Morning readings highest 64° at Algiers, 62° at Nemours 59° at Biarritz, 53° at Brest, 51° at Scilly, 50° at Valencia. Lowest 1° F at Moscow, and below 20° F. over by far the greater part of Russia and Finland, 24° at Riga, 26° at Breslau; above 35° over England. Not much change later except in the south and southwest of France, where it reached 63° to 60° in some places.

Wind SW, strong to moderate over the southeastern parts of Europe, SE strong in the north of France; SE to E over the British Isles and blowing a hard gale on our east, north, and east coasts, and a moderate gale at the Helder. Gale continuing all day on our coasts, but light to moderate anticyclonic breezes prevailing over northern and eastern Europe all day.

Barometer highest 30.4 ins: and more to 30.0 ins: in a large anticyclone covering northern Europe, and having its central area over Scandinavia. Lowest below 29.0 ins: and less, in a large depression lying to the southeastward of the Irish coast. Gradients very steep over the British Islands. The depression showing some sign of decreasing in intensity later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 " "

DAILY WEATHER REPORT

for 8 a.m. on Thursday 26th December 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.82	23	N	2	b	29.74	−.21	21	21	+ 8	N	4	b	*	b	*	27	5	—
	Hernösand ...	30.08	21	L	0	b	29.86	−.37	32	30	+ 28	NW	4	b	*	b	*	?	0	—
	Stockholm ...	30.21	20	W	2	b	30.05	−.29	19	18	− 8	W	2	b	*	b	*	28	19	—
	Wisby	30.26	27	SE	4	0	30.13	−.24	27	25	0	WNW	6	0	*	0	*	28	23	—
	Karlstad ...	30.28	10	L	0	b	30.16	−.21	14	13	− 2	NW	2	bc	*	b	*	*	*	—
	Bodö	30.06	37	WNW	6	0	30.02	−.11	32	29	− 7	N	4	bc	2	0	*	41	30	—
	Christiansund ...	30.32	32	SE	2	0	30.23	−.15	36	35	+ 10	WSW	2	s	3	0	*	36	25	0.16
	Skudesnaes ...	30.28	35	L	0	b	30.21	−.13	31	30	+ 3	E	2	0	2	b	*	?35	21	*
	Færder (Christiania Fjord)	30.31	21	NNE	2	0	30.19	−.19	22	21	− 6	NE	2	b	1	0	*	28	21	—
	Skagen (The Scaw)	30.26	28	E	1	0	30.19	−.17	27	26	− 5	N	1	0	0	0	*	32	25	—
	Fanö	30.12	31	E	5	0	30.12	−.01	30	30	− 2	E	4	0	*	0	*	32	28	—
BRITISH ISLANDS.	Sumburgh Head	30.23	36	ESE	3	0	30.21	+ .04	40	37	+ 2	ENE	2	c	5	0	*	40	33	0.01
	Stornoway ...	29.92	39	SE	6	0g	30.08	+ .25	39	36	− 1	SE	6	c	6	0g	0.0	40	36	—
	Wick	30.06	39	SE	8	0	30.15	+ .15	39	38	0	SE	6	ow	8	0	*	40	36	0.05
	Nairn	30.02	37	SE	3	c	30.10	+ .19	37	34	− 1	SE	2	c	2	c	*	39	33	—
	Aberdeen ...	30.07	38	ESE	7	0gq	30.14	+ .13	38	34	+ 1	ESE	5	0gq	7	0gq	0.0	39	37	—
	Leith	29.96	38	E	4	0	30.03	+ .15	35	34	− 3	ESE	3	0	*	0	*	39	33	—
	Shields	29.93	39	ESE	7	ors	29.99	+ .13	38	35	0	ESE	5	ohp	6	ors	*	39	35	0.01
	Spurn Head ...	29.84	36	E	6	0	29.93	+ .19	35	33	+ 1	E	5	0	5	0	*	36	33	—
	York	29.87	36	E	1	0	29.98	+ .15	35	33	+ 1	E	1	0	*	0	*	39	32	—
	Loughborough ...	29.82	31	ENE	3	0	29.92	+ .21	31	29	− 1	ENE	3	0g	*	0g	*	33	30	—
	Ardrossan ...	29.87	38	NE	6	0	29.96	+ .21	36	35	− 1	NE	3	om	2	c, 0	*	38	35	—
	Malin Head ...	29.63	37	SE	8	0	?29.91	+ .39	36	33	− 2	ESE	8	bc	4	0	*	39	36	—
	Belmullet ...	29.49	39	ESE	8	0	29.78	+ .49	36	35	− 4	ESE	5	ors	*	0g	*	40	35	0.06
	Donaghadee ...	29.78	38	ESE	9	c	29.90	+ .24	38	35	− 1	ESE	9	bc	7	c	*	39	36	—
	Liverpool (Bidston)	29.81	37	E	5	om	29.90	+ .42	32	31	− 3	E	3	0	?	om	*	35	30	—
	Holyhead ...	29.66	34	E	8	cgmw	29.79	+ .24	33	32	− 2	ENE	6	cgm	5	cgmw	*	40	32	—
	Parsonstown ...	29.53	38	E	2	0	29.72	+ .37	37	35	− 3	E	1	0	*	0	0.0	40	36	—
	Valencia ...	29.26	52	SE	6	p	29.58	+ .52	46	44	− 6	E	4	of	4	p	0.2	53	45	0.44
	Roche's Point ..	29.39	46	SE	8	r	29.62	+ .45	44	44	− 4	SE	7	r	6	rq	*	50	42	1.20
	Pembroke (St. Ann's Hd.)	29.54	37	ESE	7	0	?	?	34	32	− 5	ESE	6	rg	6	0	0.0	?46	33	0.16
	Scilly	29.39	53	SSE	4	c	29.53	+ .28	51	51	− 2	ESE	?5	cp	4	c	3.9	55	47	0.07
	Prawle Point ...	29.60	41	ENE	6	orm	29.65	+ .16	45	44	+ 3	ENE	6	r	5	orm	*	49	40	0.09
	Jersey (St. Aubin's)	29.61	46	ESE	3	cp	?29.69	+ .18	48	47	+ 2	SE	5	opm	4	op	*	48	43	0.31
	Hurst Castle ...	29.67	37	ENE	4	0	29.76	+ .20	37	36	− 1	ENE	4	og	3	op	*	38	36	0.08
	Dungeness ...	29.65	36	NE	5	0	29.80	+ .28	36	35	0	E	4	r	3	0	*	37	35	0.03
	North Foreland	29.71	35	E	5	0	29.85	+ .26	35	34	0	E	4	o	4	o, osp	*	37	32	—
	London (Brixton) ...	29.75	34	E	4	0	29.84	+ .22	33	32	0	NE	3	og	*	os, og	0.0	34	32	0.03
	Oxford	29.81	31	ENE	4	0	29.86	+ .22	31	31	− 2	ENE	3	sp	*	0	*	33	30	—
	Cambridge ...	29.81	32	ENE	4	0	29.91	+ .24	31	31	− 2	ENE	3	0	*	0	0.0	34	30	0.01
	Yarmouth ...	29.76	33	E	7	0	29.90	+ .23	33	31	− 1	E	5	cg	5	og	*	35	30	—
GERMANY & HOLLAND.	Cuxhaven ...	30.03	?	E	6	0	30.06	.00	22	21	− 6	SE	4	c	*	0	*	28	21	—
	Berlin	30.06	19	E	4	0	30.05	−.01	15	14	− 4	E	4	c	*	0	*	28	14	—
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	29.74	30	SW	3	c	?29.83	+ .24	36	36	+ 10	SW	4	r	*	c	*	36	26	0.24
	The Helder ...	29.88	25	E	7	b	29.99	+ .19	22	21	− 5	E	5	c	3	b	*	27	21	—
BELGIUM.	Brussels ...	*	*	*	*	*	29.92		28	28		E	2	0	*	0	*	29	27	—
	Cape Gris Nez...	29.63	30	E	4	0	29.76	+ .29	28	28	− 2	ESE	3	s	3	0	*	48	28	—
	Paris	29.67	41	NNW	1	0	29.85	+ .36	36	36	− 5	L	0	0	*	0	*	45	36	—
	Brest	29.50	50	S	3	c	29.58	+ .20	53	52	0	SSW	2	r	2	c	*	54	50	0.08
	Lorient... ...	29.56	53	SSW	5	c	29.65	+ .21	52	50	− 1	SSW	4	0	6	c	*	55	46	0.12
FRANCE &	Rochefort ...	29.66	50	SSW	4	c	29.74	+ .20	44	43	− 3	SE	4	0	*	c	*	57	41	—
	Belfort	29.71	39	W	3	r	29.88	+ .21	39	39	+ 3	SW	1	f	*	r	*	40	36	1.38
	Lyons	29.78	44	SSW	1	b	29.93	+ .23	32	31	− 5	SW	1	bf	*	b	*	56	32	—
	Nice	29.70	49	L	0	b	29.86	+ .18	42	39	− 3	E	1	b	2	b	*	65	41	—
	Perpignan ...	29.77	45	SW	1	b	29.85	+ .20	36	35	− 4	SW	2	b	*	b	*	60	35	—
	Biarritz ...	29.67	54	S	3	bc	29.79	+ .23	55	50	+ 4	S	4	bc	1	bc	*	63	54	—
PENINSULA.	Corunna ...																*			
	Lisbon	29.88	58	SW	4	b	29.95	+ .20	60	58	+ 4	SW	5	0	*	b	*	61	56	0.08
	Azores (P. Delgada)	29.54	61	SW	5	0	29.50	−.04	61	59	+ 2	S	7	c	7	0	*	63	59	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

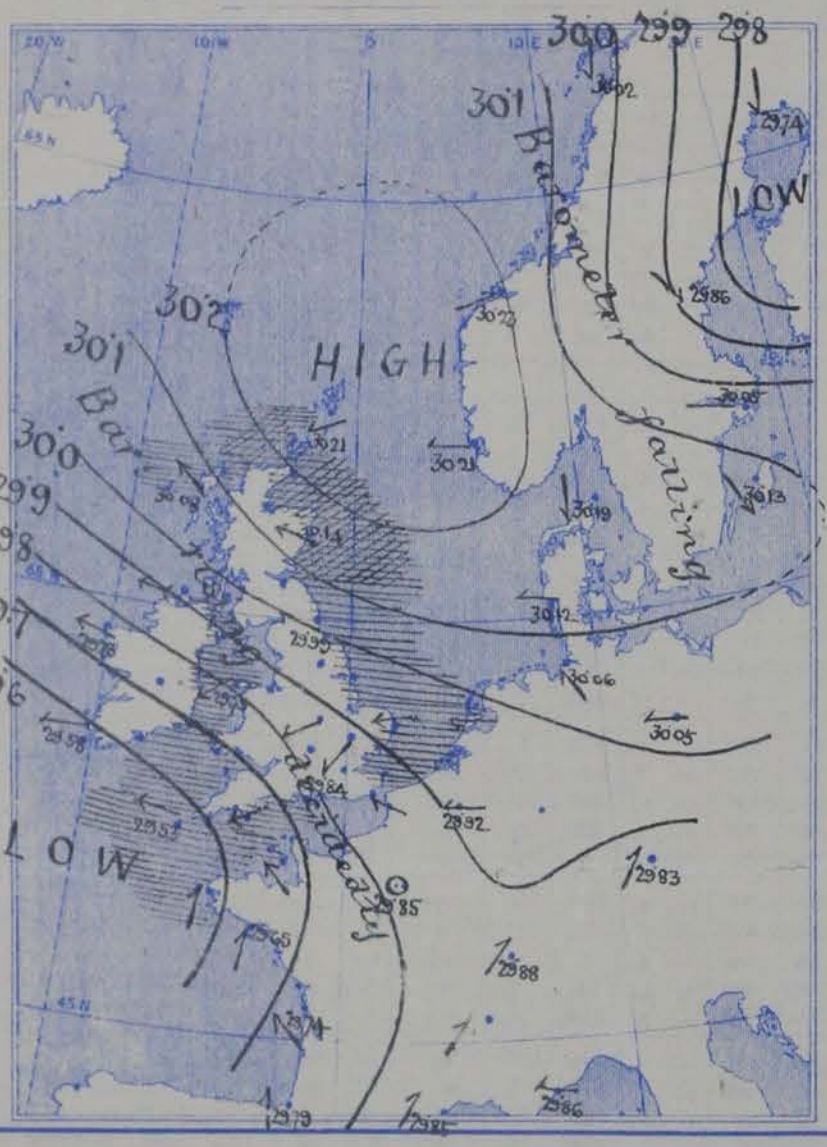
Eastbourne: Sunshine yesterday 0.0.

WEATHER CHARTS

FOR Thursday, 26th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ : }
SEA—Rough : *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·90	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·935	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. and more over the Shetlands and west of Norway, and exceeding 30·0 ins. over Scotland, the whole of the North Sea and Norway and the south of Sweden.
Lowest (1) about 29·5 ins. off our southwestern coasts; (2) below 29·8 ins. over the Gulf of Bothnia.
Gradients moderate and decreasing over the British Islands, slight and anticyclonic over the North Sea & Norway.
Barometer rising over the United Kingdom and North Sea, falling (apparently temporarily) over Finland and the North of Russia.

TEMPERATURE

Highest 55° at Biarritz, 53° at Brest 51° at Scilly, 46° at Valencia (Ireland)
Lowest (1) 15° at Berlin, 22° at Cuxhaven and the Helder; (2) 14° at Karlstad, 19° at Stockholm, 21° at Haparanda, (3) 31° at Oxford, Cambridge and Loughborough.
It had fallen a little at most stations since yesterday, and the general tendency was to fall still further.

WIND

S. by E., moderate over the Bay of Biscay, SW. by W. over south Germany, but E. by N. to SE. by E. over the United Kingdom. The gale of the past few days had died down except on the E. coast of Ireland, and even there it was decreasing quickly.

WEATHER

Very dull and gloomy over the British Islands, with showers of cold rain or snow over our southern and southwestern districts. In France and Germany the general condition was unsettled, but in Sweden the sky was clear and bright.
Heavy rain had again fallen in the S. of Ireland, and a considerable quantity on our own SW. coasts. Belfort also reports a heavy rain (1·4 ins.) Bright sunshine. London and Eastbourne none.

SEA

Still very high off the northeast coasts of Ireland and Gt. Britain, rough in the SW. and SE., but was going down generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The gale on the east and north coasts of Ireland will probably subside during the day. Quieter, but colder, weather is probable over the United Kingdom shortly.

FORECASTS

For the 24 hours ending at NOON on 27TH DEC. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SE. by E. winds, colder, unsettled, some snow showers.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SE. by E. and E. by E. winds, much colder, slight snow at times
6 SCOTLAND WEST 7 ENGLAND N.W.	Same as Nos. 0 to 2.
8 ENGLAND S.W.	E. by E. winds, fresh to moderate, colder, some showers.
9 IRELAND NORTH 10 IRELAND SOUTH	SE. by E. winds becoming moderate, some cold showers.
WARNINGS	None Issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30.33	30	28	ENE	2	b	1
Sumburgh Head	30.21	37	34	ESE	4	o	6
Stornoway	29.90	40	36	SE	6	c	7
Aberdeen							
Shields							
Ardrossan	29.82	38	36	NE	5	c	3
Malin Head ...	29.65	38	35	SE	5	o	4
Belmullet	29.45	39	37	ESE	8	o	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29.59	48	46	E	3	op	3
Hurst Castle ...							
Dungeness ...	29.60	36	35	ENE	5	o	4
North Foreland	29.68	35	33	E	6	o	6
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29.61	52	50	S	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental information not yet received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 27th Dec^r, 1895.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·24	14	N	6	b	30·45	+·71	-2	-2	-13	Z	0	c	*	b	*	25	?	-
	Hernösand ...	30·15	22	N	2	b	30·45	+·59	14	13	-18	NW	4	b	*	b	*	36	?	-
	Stockholm ...	30·02	27	W	2	bc	30·23	+·18	27	26	+8	N	4	s	*	bc	*	28	18	-
	Wisby	29·97	33	N	6	c	30·13	-·00	32	31	+5	N	8	o	*	c	*	34	25	-
	Karlstad ...	30·16	24	NW	4	b	30·41	+·25	19	18	+5	NNW	4	o	*	b	*	*	*	-
	Bodö	30·27	32	W	0	c	30·30	+·28	28	27	-4	ESE	4	s	2	c	*	32	28	-
	Christiansund ...	30·30	35	ENE	1	bc	30·43	+·20	28	27	-8	ESE	1	b	3	bc	*	36	27	0·08
	Skudesnaes ...	30·19	32	ESE	2	o	30·35	+·14	32	30	+1	SE	4	c	2	o	*	34	27	*
	Færder (Christiania Fjord)	30·17	26	N	1	b	30·41	+·22	27	26	+5	N	4	b	2	b	*	27	22	-
	Skagen (The Scaw)	30·16	33	NNE	2	b	30·37	+·18	28	27	+1	NE	2	b	1	b	*	34	23	-
	Fanö	30·21	27	ENE	1	o	30·28	+·16	?	?	?	NE	2	c	*	o	*	30	27	-
	Sumburgh Head	30·19	39	NE	2	c	30·31	+·10	39	37	-1	E	1	o	4	bcp, c	*	42	37	0·08
	Stornoway ...	30·06	40	ESE	5	c	30·28	+·20	38	38	-1	SE	2	o	2	c	0·3	41	35	
	Wick	30·14	37	E	2	bc	30·29	+·14	33	33	-6	NW	3	o	6	bc	*	40	32	0·15
	Nairn	30·14	36	SE	1	o	?30·31	+·21	35	32	-2	Z	0	o	1	o	*	37	32	-
	Aberdeen ...	30·16	38	E	3	og	30·34	+·20	35	34	-3	NW	1	og	3	og	0·0	38	35	-
BRITISH ISLANDS.	Leith	30·08	37	E	1	o	30·28	+·25	36	34	+1	E	1	om	*	o	*	38	34	-
	Shields	30·05	40	ESE	5	ohp	30·28	+·29	40	35	+2	S	3	o	4	ohp	*	40	35	-
	Spurn Head ...	29·98	35	E	5	o	30·30	+·37	36	34	+1	E	3	o	4	o	*	36	33	-
	York	30·01	35	E	1	o	30·33	+·35	35	33	0	E	1	o	*	o	*	38	31	-
	Loughborough ...	29·95	33	NE	3	o	30·26	+·34	33	32	+2	NE	2	ogm	*	ogm	*	33	31	-
	Ardrossan ...	30·03	36	ENE	2	om	30·25	+·29	36	35	0	ENE	1	om	1	o.om	*	37	34	-
	Malin Head ...	29·88	38	ESE	7	b											*			
	Belmullet ...	29·90	36	ESE	5	o	30·14	+·36	36	35	0	ESE	3	bc	*	c.o	*	37	36	0·05
	Donaghadee ...	29·99	38	ESE	7	c	30·24	+·34	38	37	0	ESE	6	c	5	c	*	39	36	-
	Liverpool (Bidston)	29·95	33	E	3	o	30·27	+·37	33	33	+1	E	2	o	?	om	*	34	30	-
	Holyhead ...	29·88	34	E	6	o	30·19	+·40	37	35	+4	ENE	2	ogm	1	cm.o	*	37	32	-
	Parsonstown ...	29·89	36	E	1	o	30·17	+·45	36	34	-1	E	1	bc	*	o	0·0	37	34	0·07
	Valencia ...	29·81	45	ENE	1	c	30·11	+·53	45	43	-1	E	1	c	2	c	0·5	48	41	0·03
	Roche's Point ..	29·85	40	E	3	o	30·17	+·55	42	41	-2	E	3	o	4	d,o	*	45	38	0·10
	Pembroke (St. Ann's Hd.)	29·81	34	ESE	5	r	30·17	?	36	35	+2	E	3	og	4	or	0·0	36	33	0·30
	Scilly	29·70	51	NW	4	cm	30·11	+·58	47	45	-4	NNE	3	c	4	cp.cm	2·0	55	44	-
	Prawle Point ..	29·73	38	ENE	5	o	30·16	+·51	37	37	-8	NE	4	m	3	r.g	*	46	35	0·68
	Jersey (St. Aubin's)	29·71	49	SE	3	ogp	30·13	+·44	48	47	0	NE	2	om	2	r.p	*	50	41	0·73
	Hurst Castle ...	29·77	39	ENE	4	om	30·16	+·40	39	38	+2	NNE	3	om	2	od,m	*	40	36	0·06
	Dungeness ...	29·80	39	E	5	r	30·14	+·34	39	38	+3	ENE	5	o	4	o,r	*	40	35	0·05
	North Foreland	29·85	37	ESE	4	o	?30·19	+·34	37	35	+2	E	4	o	4	o	*	37	34	0·07
	London (Brixton) ...	29·88	36	ENE	3	ogd	30·19	+·35	36	35	+3	E	3	og	*	or,og,or	0·0	38	33	0·10
	Oxford	29·93	34	NE	3	o	30·23	+·37	33	33	+2	NE	3	o	*	gsp	*	34	31	0·05
	Cambridge ...	29·92	34	ENE	2	r	30·24	+·33	33	33	+2	ENE	1	o	*	rs	0·0	34	30	0·04
	Yarmouth ...	29·91	34	E	5	og	30·23	+·33	34	32	+1	E	5	c	5	cg,o	*	37	31	-
GERMANY & HOLLAND.	Cuxhaven ...	30·18	23	ENE	3	bc	30·30	+·24	29	27	+7	NE	1	o	*	bc	*	?	22	-
	Berlin	?	17	NE	2	b	?	?	25	24	+10	W	3	o	*	b	*	25	14	0·08
	Wiesbaden ...	*	*	*	*	*	30·20		15	15		E	2	o	*	*	*	32	15	-
	Munich... ..	29·98	32	Z	0	o	30·08	+·25	19	19	-17	NNE	4	f	*	o	*	37	10	0·04
	The Helder ...	30·09	21	ESE	3	b	30·29	+·30	26	25	+4	E	4	b	3	b	*	27	21	-
BELGIUM.	Brussels ...	*	*	*	*	*	30·19	+·27	26	26	-2	ENE	2	o	*	o	*	31	25	-
	Cape Gris Nez...	29·80	32	E	3	s	30·07	+·31	30	29	+2	E	3	s	3	s	*	34	28	-
	Paris	29·82	44	SE	2	c	30·08	+·23	38	38	+2	NE	1	o	*	c	*	47	36	0·12
	Brest	29·71	51	NW	3	c	30·09	+·51	49	48	-4	NNW	3	c	3	c	*	57	48	0·32
	Lorient... ...	29·71	50	NW	3	r	30·11	+·46	48	35	-4	NW	2	bc	5	r	*	55	43	0·51
FRANCE &	Rochefort ...	29·66	49	S	4	r	30·08	+·34	?	?	?	N	?	c	*	o,r	*	52	44	0·43
	Belfort	29·92	35	NW	2	f	30·06	+·18	30	30	-9	E	2	f	*	f	*	49	30	0·08
	Lyons	29·90	40	ENE	1	m	30·06	+·13	37	37	+5	NNE	2	o	*	m	*	45	1	0·39
	Nice	29·91	44	Z	0	bc	29·80	-·06	47	40	+5	NNE	1	r	3	bc	*	54	41	-
	Perpignan ...	29·84	46	W	2	o	30·00	+·15	54	49	+18	NW	5	bc	*	o	*	57	36	-
	Biarritz ...	29·68	59	SSW	6	r	30·14	+·35	57	54	+2	WNW	5	o	4	r	*	61	52	0·12
PENIN-SULA.	Corunna ...																*			
	Lisbon	30·16	60	SW	4	o	30·30	+·35	58	58	-2	SW	1	f	*	o	*	63	57	-
	Azores (P. Delgada)	29·54	61	S	6	o	29·60	+·10	62	61	+1	SSW	5	o	7	o	*	63	61	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

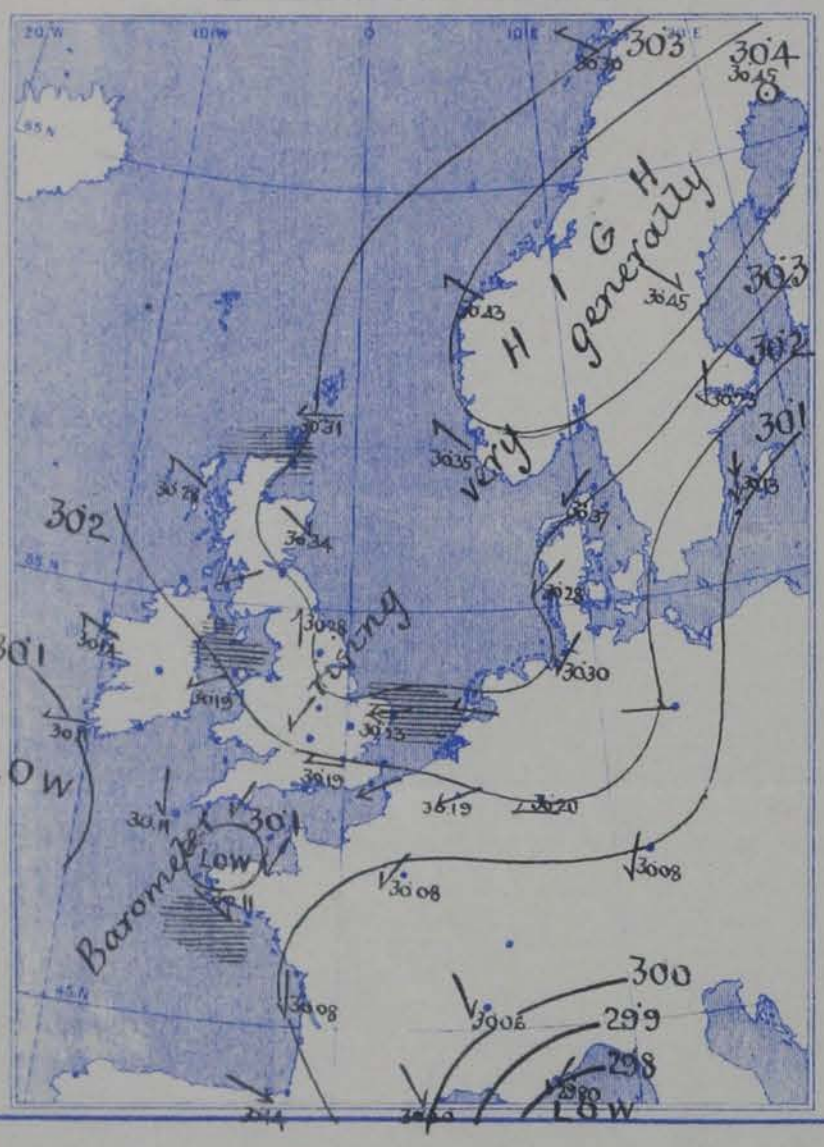
Eastbourne ;- Sunshine yesterday 0.0.

WEATHER CHARTS

FOR *Friday, 27th December, 1895*

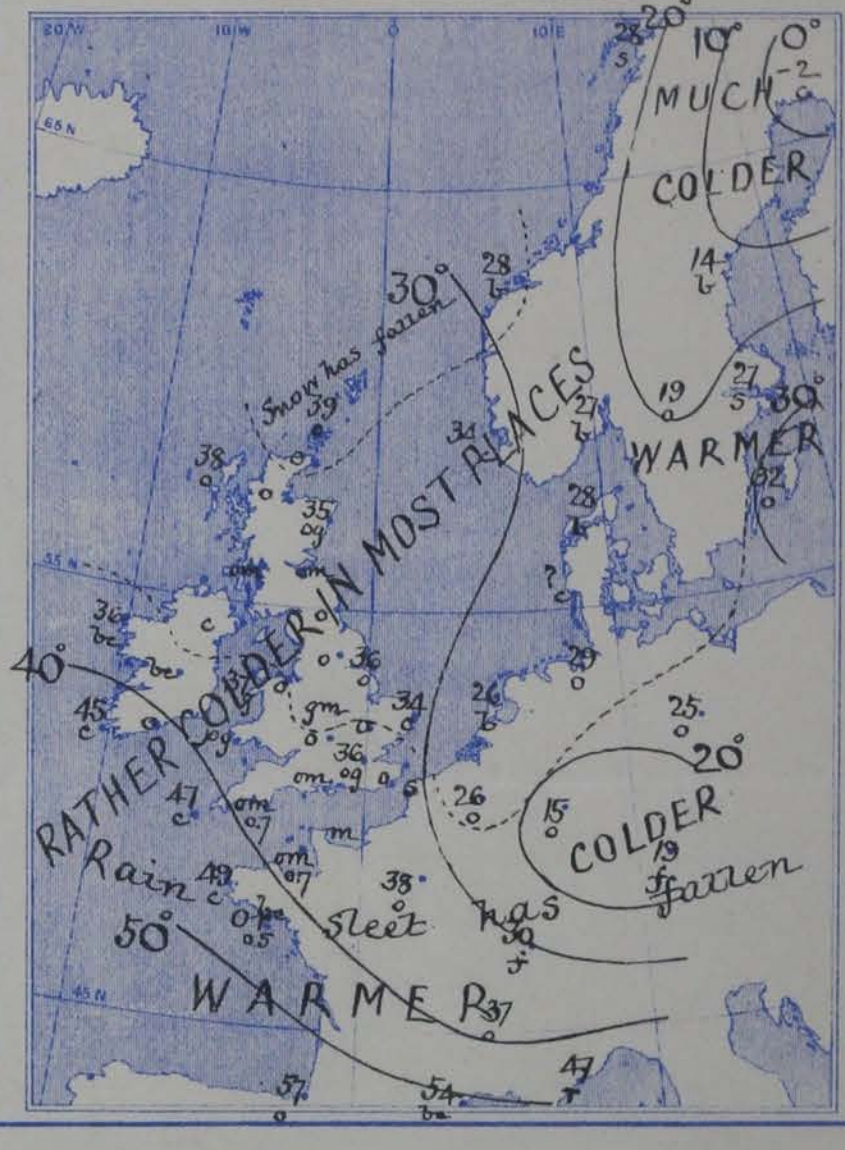
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and more to 30·3 ins: in an anticyclone covering Scandinavia and the North Sea.
Lowest, 29·8 ins: and less, over the northern part of the Mediterranean, and below 30·1 ins: both over North Germany and off the southwest coast of Ireland.
Gradients slight except over the southeast of France and over the Baltic.
Barometer rising in all parts of our Islands – most in the southwest.

TEMPERATURE

Highest, 58° at Lisbon, 57° at Biarritz, 54° at Perpignan, 48° at Jersey, 47° at Scilly, and 45° at Valencia.
Lowest, Below 40° all over Great Britain, 33° over our Midland Counties, 27° at Haparanda and Stockholm, 14° at Hernösand, and −2° F. at Haparanda.
It is falling generally in the west and north, and the change is spreading southeastwards.

WIND

Anticyclonic over Scandinavia; strong to a gale from the N. at the Baltic stations. Moderate NE. over the south of our Islands and the Channel. N. to NW. over France.
The gale of the past few days has completely died down.

WEATHER

Fair over Scandinavia, dull over the British Islands, France, and Germany, but dry at most of our stations.
Cold rain or snow fell yesterday over France and the southern half of our Islands. Over the Channel Islands and Travels the falls have been large.
Bright Sunshine yesterday London, Eastbourne, Pembroke, Parsonstown and Aberdeen None; Scilly 2 hours.

SEA

Rather rough to moderate in most places and still going down generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression recently observed off our southwestern coasts has almost completely disappeared. The anticyclone in the north appears to be spreading over us.

FORECASTS

For the 24 hours ending at NOON on 28th DEC: 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	Varying airs; dull, hazy, slight showers locally.
3 ENGLAND EAST	Same as No 5
4 MIDLAND COUNTIES	NE. airs; colder, haze or fog.
5 ENGLAND SOUTH	NE. breezes, falling very light; hazy or foggy, colder.
6 SCOTLAND WEST 7 ENGLAND N.W.	SE. winds, light; fair, cold.
8 ENGLAND S.W.	Same as No 5.
9 IRELAND NORTH 10 IRELAND SOUTH	E. airs; fair generally, colder, hazy inland.
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...							
Sumburgh Head	30·21	40	38	ENE	2	bcp	4
Stornoway	30·14	41	41	SE	5	c	5
Aberdeen	30·14	38	35	E	4	ogq	6
Shields	30·01	38	35	ESE	5	o	6
Ardrossan	30·02	36	35	NE	3	om	2
Malin Head ...	29·88	38	34	ESE	7	b	4
Belmullet	29·82	36	35	SE	4	c	*
Holyhead	29·83	35	33	E	6	cm	5
Valencia	29·70	47	44	WSW	1	c	2
Scilly	29·60	52	50	WNW	4	cp	4
Jersey	29·68	49	48	ESE	4	o	4
Hurst Castle ...	29·75	38	38	ENE	4	od	3
Dungeness ...	29·80	38	38	ENE	6	o	3
North Foreland	29·90	37	35	ESE	4	o	4
London (Westminster)	29·85	35	35	ENE	3	ogr	*
Yarmouth ...	29·90	35	33	E	5	cg	5
Rochefort ...	29·70	49	48	SE	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over nearly the whole of Scandinavia, the northeast of Ireland, the south of France and the Mediterranean, dull and gloomy elsewhere, with rain and snow over South Germany, the north of France, the Channel, and south of England. Cold rain or sleet or snow falling later over France and the southern counties of England and Ireland, slight local showers in the north of Scotland and west of Norway.

Temperature rises fast over Ireland and Sweden, falls a little in most other places, and quickly in the north of Russia. Morning readings highest 63° at Malta, 60° at Lisbon, 59° at Alpiarça, San Fernando and Bilbao, 53° at Brest, 51° at Scilly, 48° at Jersey, 46° at Valencia. Lowest (1) −11° F at Khuntsev, 0° at Moscow, 9° at Kiew, and also at Archangel; 12° to 15° over North Germany, 14° at Karlstad, 31° at Loughborough, Oxford, and Cambridge. Changing very irregularly in our Islands later, but not altering permanently.

Wind (1) light and anticyclonic over Norway and the northeastern parts of the North Sea; (2) N. to W. over Ireland; (3) E., moderate over England, SE., fresh in Scotland, strong to a gale in the east and north of Ireland, S., fresh over the Bay of Biscay. Gale subsiding later at the Irish stations, and wind shifting to NW. and W. at the mouth of the English Channel.

Barometer, highest (1) 30·3 in. to 30·2 in. in an anticyclone over the south of Russia; (2) 30·2 in. and more over the west of Norway and the Shetlands, and exceeding 30·0 in. over Scotland, the North Sea, the Baltic and Norway. Lowest below 29·6 in. off the southwest coasts of Ireland and England, and below 29·7 in. over the north of Russia. Low pressure area off our southwest coasts continuing to fill up during day, barometer rising over Northwestern Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 28th Dec^r, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...	30·34	15	NE	2	0	30·08	-·37	19	18	+21	N	2	0	*	0	*	28	-4	?
	Hernösand ...	30·52	0	Z	0	b	30·27	-·18	21	19	+7	Z	0	c	*	b	*	23	-2	-
	Stockholm ...	30·56	19	NNW	2	0	30·53	+·30	16	15	-11	Z	0	b	*	0	*	28	16	-
	Wisby	30·48	24	NNE	6	c	30·56	+·43	25	22	-7	NNW	4	0	*	c	*	32	21	0·08
	Karlstad ...	30·61	13	N	1	b	30·57	+·16	7	6	-12	N	2	c	*	b	*	*	*	-
	Bodö	30·17	34	SW	7	m	30·25	-·05	35	31	+7	N	4	c	2	m	*	35	27	-
	Christiansund ...	30·53	28	ESE	1	0	30·44	+·01	35	33	+7	NNW	2	0	3	0	*	36	27	-
	Skudesnaes ...	30·59	34	SSE	6	c	30·52	+·19	35	33	+3	SE	6	S	5	c	*	36	27	*
	Færder (Christiania Fjord)	30·61	24	NE	1	b	30·56	+·15	19	19	-8	NNW	1	f	1	b	*	27	19	-
	Skagen (The Scaw)	30·60	26	ENE	1	b	30·59	+·22	24	22	-4	NNW	3	b	1	b	*	28	21	-
	Fanö	30·56	22	NE	2	b	30·59	+·31	24	23	?	Z	0	b	*	b	*	30	21	-
BRITISH ISLANDS	Sumburgh Head	30·39	36	Z	0	b	30·33	+·02	38	37	-1	E	1	0	4	c	*	41	34	0·07
	Stornoway ...	30·34	37	W	3	0	30·17	-·11	37	37	-1	SE	2	0	2	0	0·4	40	35	-
	Wick	30·37	38	SE	4	0	?30·30	+·01	39	38	+6	SE	5	0	5	0	*	43	32	0·05
	Nairn	30·36	36	ESE	1	0	30·21	-·10	34	32	-1	Z	0	0	1	0	*	38	32	-
	Aberdeen ...	30·43	37	S	2	0	30·35	+·01	37	35	+2	S	2	og	3	g.p.g	0·0	39	35	0·02
	Leith	30·42	34	Z	0	bc	30·28	·00	32	30	-4	ESE	1	om	*	bc	*	38	30	-
	Shields	30·43	36	S	1	0	30·35	+·07	32	31	-8	S	2	0	3	0	*	40	31	-
	Spurn Head ...	30·44	37	ESE	3	0	30·38	+·08	34	33	-2	SSE	4	0	4	0	*	37	32	-
	York	30·42	34	SE	1	c	30·38	+·05	31	30	-4	ESE	2	0	*	c	*	36	30	-
	Loughborough ...	30·43	32	ESE	2	c	30·37	+·11	31	30	-2	SE	2	og	*	gm.cr.g	*	34	31	-
	Ardrossan ...	30·37	35	ENE	1	om	30·20	-·05	34	33	-2	ENE	3	of	2	om	*	37	31	-
	Malin Head ...	30·21	38	SE	4	cgm	?29·86		40	39		SE	5	or	4	o.cgm	*	40	36	0·04
	Belmullet ...	30·18	40	SE	2	b	29·74	-·40	48	47	+12	SSE	6	-	*	bc.o	*	48	35	0·30
	Donaghadee ...	30·33	41	S	5	0	30·13	-·11	41	41	+3	SE	7	r	6	0	*	41	37	0·01
	Liverpool (Bidston)	30·40	34	ESE	4	0	30·27	·00	32	31	-1	ESE	6	0	4	om	*	36	31	-
	Holyhead ...	30·32	39	E	2	om	30·15	-·04	40	38	+3	S	3	odm	2	ofom	*	40	35	-
	Parsonstown ...	30·24	40	SE	1	0	29·87	-·30	48	46	+12	S	3	og.r	*	o.b	0·0	46	35	0·09
	Valencia ...	30·10	48	ESE	5	og	29·86	-·25	53	53	+8	S	3	fg	4	o.og	0·0	54	43	0·40
	Roche's Point ..	30·20	46	ESE	4	0	29·92	-·25	50	50	+8	SSE	6	r	5	o.r	*	50	42	0·45
	Pembroke (St. Ann's Hd.)	30·29	40	ESE	5	0	30·09	-·08	39	39	+3	ESE	7	r	5	0	0·0	40	35	0·12
	Scilly	30·20	49	SE	2	0	30·03	-·08	53	53	+6	SSE	5	m	4	0	0·0	53	44	0·40
	Prawle Point ...	30·32	44	ENE	4	m	30·22	+·06	47	46	+10	SE	5	r	4	m.fm	*	47	41	0·11
	Jersey (St Aubin's)	30·32	48	NW	1	om	30·32	+·19	47	46	+1	SSE	4	mr	3	o.og	*	49	44	0·02
	Hurst Castle ...	30·35	39	NNE	3	om	30·31	+·15	40	40	+1	E	3	om	2	om	*	40	39	-
	Dungeness ...	30·34	37	ENE	4	0	30·37	+·23	38	37	-1	SE	4	0	3	0	*	39	33	-
	North Foreland	30·39	35	E	3	0	30·40	+·21	35	34	-2	SE	3	0	4	0	*	37	31	-
	London (Brixton) ...	30·41	35	E	2	0	30·39	+·20	32	31	-4	ENE	1	og	*	og.o	0·0	37	31	-
	Oxford	30·44	33	NE	2	0	30·36	+·18	33	33	0	E	1	o	*	o	*	34	33	-
	Cambridge ...	30·45	33	ESE	1	0	30·41	+·17	32	32	-1	ESE	3	o	*	o	0·0	35	30	-
	Yarmouth ...	30·40	34	E	5	c	30·41	+·18	34	32	0	SE	5	bc	5	bc.c	*	35	31	-
GERMANY & HOLLAND	Cuxhaven ...	30·56	32	NE	2	0	30·65	+·35	27	26	-2	SE	2	bc	*	0	*	?	?	-
	Berlin	30·45	25	NW	2	bc	30·60	?	24	23	-1	NW	2	0	*	bc	*	30	21	-
	Wiesbaden ...	*	*	*	*	*	30·60	+·40	24	23	+9	E	2	0	*	*	*	30	10	-
	Munich... ..	30·38	20	Z	0	0	30·51	+·43	22	22	+3	NE	3	0	*	0	*	22	18	-
	The Helder ...	30·52	28	SE	2	b	30·54	+·25	24	23	-2	SE	1	b	1	b	*	28	23	-
BELGIUM.	Brussels ...	*	*	*	*	*	30·52	+·33	18	16	-8	Z	0	b	*	b	*	26	11	-
	Cape Gris Nez...	30·26	26	ENE	3	0	?30·29	+·22	30	29	0	SE	2	m	2	0	*	34	26	-
	Paris	30·35	39	SW	1	0	30·44	+·36	35	34	-3	ESE	2	0	*	0	*	41	34	-
	Brest	?	49	NNW	2	c	30·15	+·06	51	51	+2	SE	5	r	5	c	*	52	48	0·20
	Lorient... ...	30·30	48	E	2	m	30·25	+·14	49	49	+1	SE	4	r	4	m	*	52	43	0·12
FRANCE &	Rochefort ...	30·33	49	N	2	0	30·36	+·28	45	45	?	E	3	m	*	0	*	59	41	-
	Belfort	30·36	26	E	1	f	30·49	+·43	22	22	-8	E	2	m	*	f	*	34	20	-
	Lyons	30·32	39	N	1	0	30·46	+·40	32	32	-5	NE	1	0	*	0	*	46	31	-
	Nice	29·94	45	E	4	b	30·16	+·36	43	38	-4	Z	0	b	2	b	*	54	43	-
	Perpignan ...	30·24	54	NW	6	b	30·32	+·32	49	44	-5	NW	5	b	*	b	*	59	45	-
	Biarritz ...	30·31	55	NW	1	0	30·32	+·18	52	49	-5	SE	2	0	2	0	*	63	50	-
PENINSULA	Corunna ...																*			
	Lisbon	30·34	57	Z	0	b	30·43	+·13	48	48	-10	NNE	5	f	*	b	*	69	48	0·04
	Azores (P. Delgada)	29·85	63	S	6	0	29·82	+·22	61	60	-1	S	6	g	7	0	*	64	61	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne :- Sunshine yesterday 11·0.

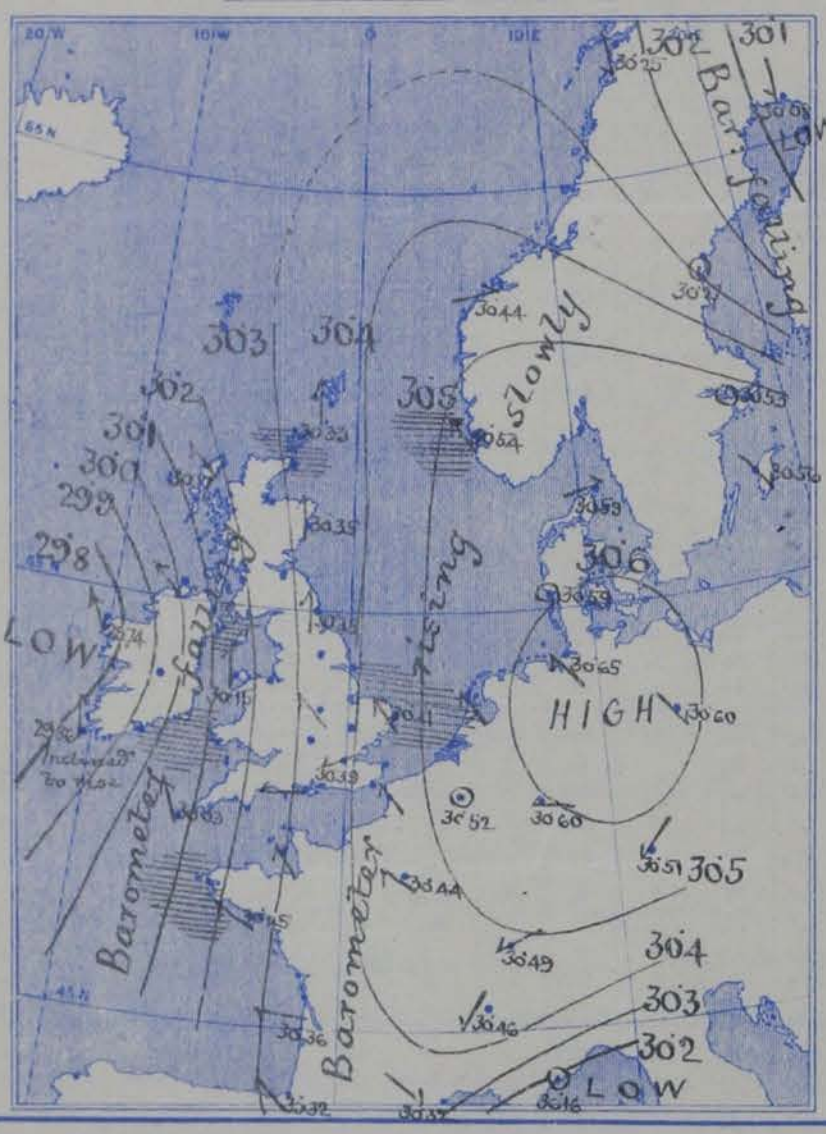
WEATHER CHARTS

FOR Saturday, 28th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

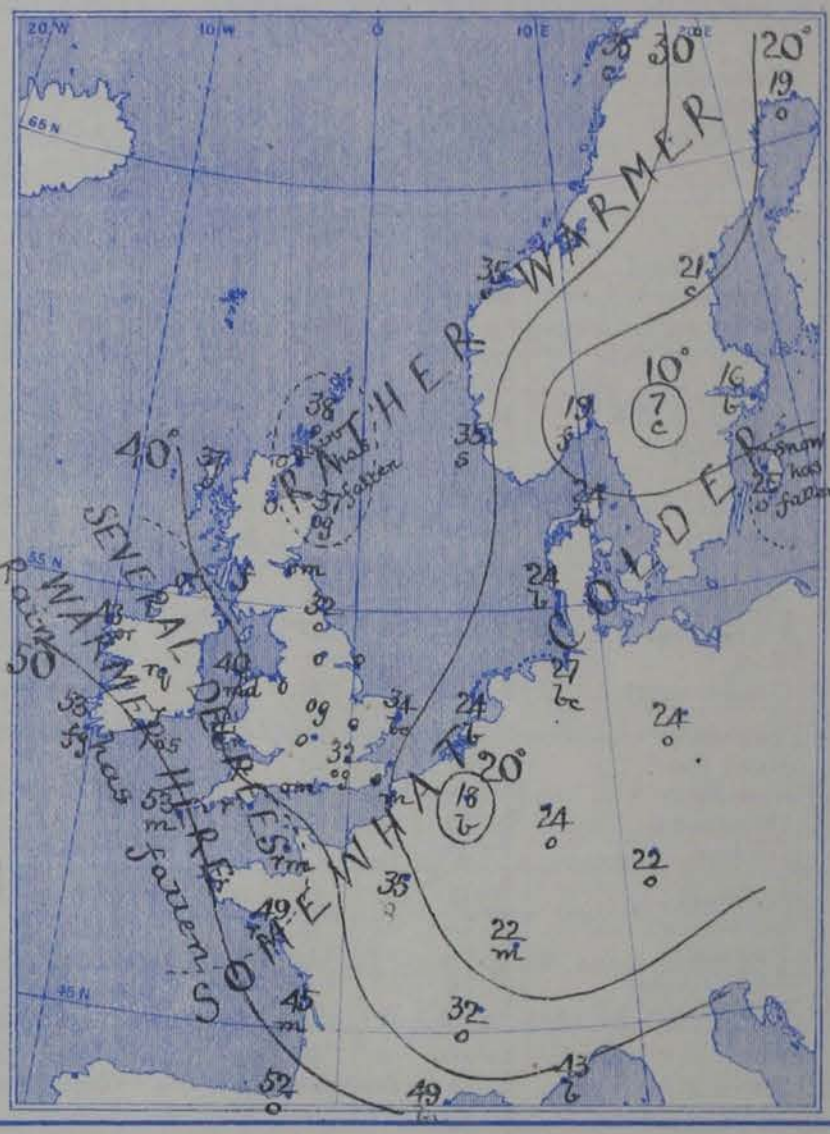
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough ▒ : *High* ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL— { *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·6in. and upwards to 30·9in. in a large anticyclone having its centre over Germany, but covering the whole of the Baltic, Scandinavia, and the North Sea.

Lowest Below 29·8in. in a depression off the west of Ireland.

Gradients rather steep over our western districts, moderate to slight in the east

Barometer falling decidedly in the northwest, and the fall is spreading eastwards and southeastwards.

TEMPERATURE

Highest, 53° at Valencia (Ireland) and at Scilly, 52° at Biarritz, 51° at Brest, 48° at Belmullet.

Lowest, 7° at Karlstad, 16° at Stockholm; 22° to 27° at the German stations; 18° at Brussels; 31° at York, 32° in London.

It has risen very quickly over Ireland since Friday, fallen a little over the eastern half of England.

WIND

SE to S over our Islands generally; blowing a very strong and squally breeze in the west, but a moderate to light breeze in the east.

On the eastern shores of the North Sea the wind is light and anticyclonic.

WEATHER

Very dull and gloomy over the United Kingdom, with fog at Valencia, rain at most of our western stations.

Over Denmark, the Netherlands, and at Paris the sky is clear.

Rain has fallen at our western stations generally, and some showers, locally, in Scotland. Bright Sunshine yesterday – none at any of the stations excepting Stornoway.

SEA

Rough in the west, rather so at Wick and at Yarmouth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west is apparently moving northeastwards, and will probably cause gales from the southward in Scotland today, and milder, wet, weather in most places.

FORECASTS

For the 24 hours ending at NOON on 29th Dec. 1895.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S. gales or strong winds; rainy, squally, unsettled.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SE. and S. winds, freshening; dull and gloomy, then rainy, milder.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W.	S. winds, increasing in force, with rain
9 IRELAND NORTH 10 IRELAND SOUTH	Same as Nos 0 and 1.
WARNINGS	At 3·55pm yesterday to districts 9 and 10 "Hoist North Cone", and at 10·10am today to districts 0, 1, and 6 "Hoist South Cone".

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·52	35	32	SSE	4	c	2	Valencia	30·13	47	44	ESE	5	o	4
Sumburgh Head	30·36	38	37	Z	0	c	4	Scilly	30·20	50	47	E	1	o	3
Stornoway	30·33	40	40	SE	3	o	3	Jersey	30·25	49	47	NE	2	o	3
Aberdeen	30·40	38	34	S	2	og	3	Hurst Castle ...	30·28	40	39	NE	3	om	1
Shields	30·37	37	35	S	2	o	4	Dungeness ...	30·25	38	38	ENE	4	o	3
Ardrossan	30·33	37	35	ENE	1	o	1	North Foreland	30·33	35	33	E	3	o	4
Malin Head ...	30·24	37	34	SE	4	o	2	London (Westminster)	30·31	38	36	ENE	3	og	*
Belmullet	30·18	41	39	ESE	3	bc	*	Yarmouth ...	30·34	34	32	E	5	bc	5
Holyhead	30·28	40	38	E	1	of	0	Rochefort ...	30·14	52	50	N	3	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over many parts of Scandinavia and Finland, as well as in some parts of Ireland, Tunis, and at Malta. Very dull elsewhere, with fog in many parts of Central Europe, snow at several of the German and Russian stations, rain in the north of Italy and over southeastern Europe. Considerable rain falling later in the west of the British Islands, and some local showers in Scotland. Sky continuing overcast at the English stations.

Temperature highest, 64° at Palma, 61° at Algiers, 60° at Malta; 58° on the Portuguese coasts, 49° at Brest, 45° at Valencia (Ireland). Lowest -23° F. at Archangel, -2° at Haparanda, 0° (Zero) at Moscow, 15° at Kharkov, and 14° to 18° over the greater part of Central Europe. A little above the freezing point over the greater part of our Islands; rising quickly in Ireland, but falling a little over England.

Wind (1) light to fresh from between NE and SE over England and Ireland; light and variable in Scotland, SE³ in the west of Norway; (2) N³, strong to a gale over the Baltic; NW³ light over Hungary. Veering from E. and SE. in Ireland later, but scarcely changing over England.

Barometer highest (1) 30·4 ins. and more to 30·3 ins. in an anticyclone covering Scandinavia and the North Sea; (2) 30·3 ins. to 30·2 ins. over the Iberian Peninsula. Lowest, below 28·8 ins. in two depressions, one off the south coast of France, the other over the southern half of Russia, and below 30·1 ins. off the southwest of Ireland. Beginning to fall again in Ireland later, but rising fast over the North Sea and Central Europe. The northern anticyclone moving southwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·19	3	Z	0	b	29·96	−·12	13	12	−6	SW	2	c	*	b	*	23	−4	—
	Hernösand ...	30·34	14	Z	0	b	30·24	−·03	?	?	?	b	0	c	*	b	*	27	−2	—
	Stockholm ...	30·35	16	W	2	b	30·34	−·19	21	20	+5	W	2	0	*	b	*	21	−4	—
	Wisby	30·37	27	NW	6	0	30·34	−·22	27	27	+2	N	4	0	*	0	*	27	19	—
	Karlstad ...	?30·41	27	NW	2	b	30·37	−·20	6	6	−1	N	2	b	*	b	*	*	*	—
	Bodö	30·12	35	W	4	c	29·90	−·35	36	30	+1	W	7	m	5	c	*	36	30	—
	Christiansund ...	30·37	35	WSW	1	c	30·16	−·28	34	31	−1	ESE	3	c	3	c	*	36	32	0·12
	Skudesnaes ...	30·39	34	SSE	4	b	30·17	−·37	30	27	−5	SE	7	c	5	c,b	*	36	28	*
	Færder (Christiania Fjord)	30·46	21	NNE	1	0	30·35	−·21	19	19	0	W	1	f	1	0	*	21	18	—
	Skagen (The Scaw)	30·42	25	WSW	2	0	30·39	−·26	27	26	+3	SW	2	0	1	0	*	28	21	—
	Fanö	30·42	25	SE	4	0	30·16	−·43	24	23	0	SE	5	bc	*	0	*	27	23	—
BRITISH ISLANDS.	Sumburgh Head	30·19	39	SE	4	0	29·81	−·52	39	39	+1	SE	5	r	6	0	*	40	36	0·13
	Stornoway ...	29·79	41	SSE	5	r	29·56	−·61	43	43	+6	Z	0	r	0	ou,p,o2	0·0	43	36	0·18
	Wick	29·92	40	S	8	0	29·60	−·70	43	43	+4	S	7	ou	8	0	*	43	38	0·10
	Nairn	29·86	37	ESE	1	0	29·59	−·62	40	39	+6	SSE	1	r	1	o,r	*	42	32	0·35
	Aberdeen ...	30·00	37	SE	7	ogg	29·69	−·66	41	41	+4	SSW	2	ogm	5	ogg,rsg	0·0	41	37	0·35
	Leith	29·92	34	Z	0	s	29·68	−·60	39	39	+7	WSW	2	cm	*	o,s	*	42	30	0·45
	Shields	30·03	34	SSE	3	s	29·78	−·57	39	39	+7	Z	0	o	3	o,s,rs	*	39	31	0·30
	Spurn Head ...	30·06	38	SE	5	r	29·88	−·50	41	41	+7	WSW	2	om	3	or,f	*	42	33	0·20
	York	30·04	35	SSE	1	r	29·85	−·53	38	38	+7	SSE	1	f	*	r	*	38	30	0·41
	Loughborough ...	30·03	38	SE	2	0	29·92	−·45	46	45	+15	ESE	1	o	*	omr,d,o	*	46	31	0·28
	Ardrossan ...	29·85	34	ENE	3	of	29·66	−·54	46	46	+12	SW	3	o	2	s,of	*	46	33	0·24
	Malin Head ...	29·65	48	S	3	o	29·69	−·17	47	45	+7	W	4	of	3	o	*	48	45	0·20
	Belmullet ...	29·73	49	SW	6	om	29·82	+·08	47	46	−1	WSW	2	o	*	om	*	49	42	0·11
	Donaghadee ...	29·87	47	SSE	5	o	29·76	−·37	48	47	+7	W	4	c	2	r,o	*	48	39	0·43
	Liverpool (Bidston)	29·91	37	SE	4	o	29·86	−·41	45	44	+13	SSW	1	o	2	r,o	*	48	32	0·31
	Holyhead ...	29·87	47	SSW	6	dqgm	29·84	−·31	47	46	+7	SE	1	ogm	0	gqmd	*	49	39	0·15
	Parsonstown ...	29·86	51	W	1	o	29·84	−·03	48	48	0	Z	0	o	*	o,d	0·0	53	47	0·05
	Valencia ...	29·92	51	SW	3	om	29·84	−·02	50	50	−3	Z	0	o	2	ogm	0·0	53	49	0·04
	Roche's Point ..	29·92	51	W	3	o	29·87	−·05	48	48	−2	E	2	f	4	o,f	*	52	47	0·05
	Pembroke (St. Ann's Hd.)	29·97	49	W	3	f	29·92	−·17	48	48	+9	WSW	3	f	4	f	0·0	49	36	0·19
	Scilly	30·03	52	WSW	4	f	29·92	−·11	53	53	0	WSW	4	r	4	f	0·0	54	50	0·29
	Prawle Point ...	30·03	51	WSW	3	f	29·97	−·25	50	50	+3	WSW	3	rf	2	rf	*	51	46	0·50
	Jersey (St. Aubin's)	30·13	48	SE	4	orm	30·02	−·30	52	52	+5	SW	1	rm	1	orm	*	52	46	0·46
	Hurst Castle ...	30·06	48	S	5	pm	29·97	−·34	47	46	+7	S	1	o	2	orf,pm	*	48	37	0·22
	Dungeness ...	30·14	43	S	5	o	29·92	−·45	47	47	+9	W	3	of	2	o,f	*	48	37	0·18
	North Foreland	30·16	40	SSE	4	o	29·94	−·46	46	45	+11	W	1	o	2	o	*	46	35	0·39
	London (Brixton) ...	30·10	45	SSE	2	or	29·94	−·45	46	46	+14	W	2	og	*	df,r,o	0·0	48	32	0·16
	Oxford	30·01	46	S	3	r	29·95	−·41	46	46	+13	WSW	2	of	*	o,r	*	48	33	0·17
	Cambridge ...	30·09	40	SE	4	r	29·92	−·49	43	43	+11	S	1	o	*	r	0·0	45	31	0·24
	Yarmouth ...	30·17	38	SSE	5	o	29·91	−·50	40	39	+6	S	1	f	4	ogm,o	*	40	32	0·16
GERMANY & HOLLAND.	Cuxhaven ...	30·44	23	SSE	3	c	30·19	−·46	23	21	−4	SSE	3	c	*	c	*	27	21	—
	Berlin	30·56	27	Z	0	0	30·34	−·26	22	21	−2	ESE	3	b	*	0	*	28	21	—
	Wiesbaden ...	*	*	*	*	*	30·22	−·38	26	25	+2	E	2	o	*	*	*	27	23	—
	Munich	30·45	23	E	4	0	30·22	−·29	21	21	−1	SSE	2	o	*	o	*	25	18	—
	The Helder ...	30·29	25	SE	4	o	30·03	−·51	28	27	+4	S	2	f	2	o	*	28	23	—
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	30·04	−·48	32	32	+14	S	5	r	*	o	*	32	17	0·12
	Cape Gris Nez ...	30·13	37	S	4	o	29·87	−·42	46	45	+16	SW	2	f	2	o	*	48	30	0·67
	Paris	30·33	36	SSE	3	o	30·03	−·41	43	43	+18	S	2	f	*	o	*	43	31	0·08
	Brest	30·12	54	SW	3	f	30·04	−·11	53	53	+2	WSW	4	f	5	f	*	59	51	0·91
	Lorient	30·16	50	WSW	4	r	30·07	−·18	53	53	+4	W	5	r	5	r	*	55	49	0·63
	Rochefort ...	30·29	50	SE	4	r	30·17	−·19	55	55	+10	W	4	m	*	r	*	55	45	0·67
	Belfort	30·44	25	ENE	3	m	30·28	−·21	27	27	+5	Z	0	m	*	m	*	27	27	—
	Lyons ...	30·46	28	E	1	f	30·24	−·22	32	32	0	SW	1	o	*	f	*	32	28	0·04
	Nice	30·26	46	SW	1	c	30·19	+·03	39	37	−4	Z	0	c	2	c	*	54	37	—
	Perpignan ...	30·30	52	NE	1	b	30·20	−·12	48	46	−1	SW	1	o	*	b	*	59	46	—
	Biarritz ...	30·32	57	WSW	4	r	30·22	−·10	58	56	+6	SSW	2	o	2	r	*	58	52	0·24
PENINSULA.	Corunna ...																*			
	Lisbon	30·35	53	NNE	2	m	30·35	−·08	48	48	0	ENE	4	f	*	m	*	59	48	—
	Azores (P. Delgada)	29·83	62	SSE	5	o	29·87	+·05	60	59	−1	SW	4	o	5	o	*	64	59	0·24

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Eastbourne: Sunshine yesterday 0·0 hr.

WEATHER CHARTS

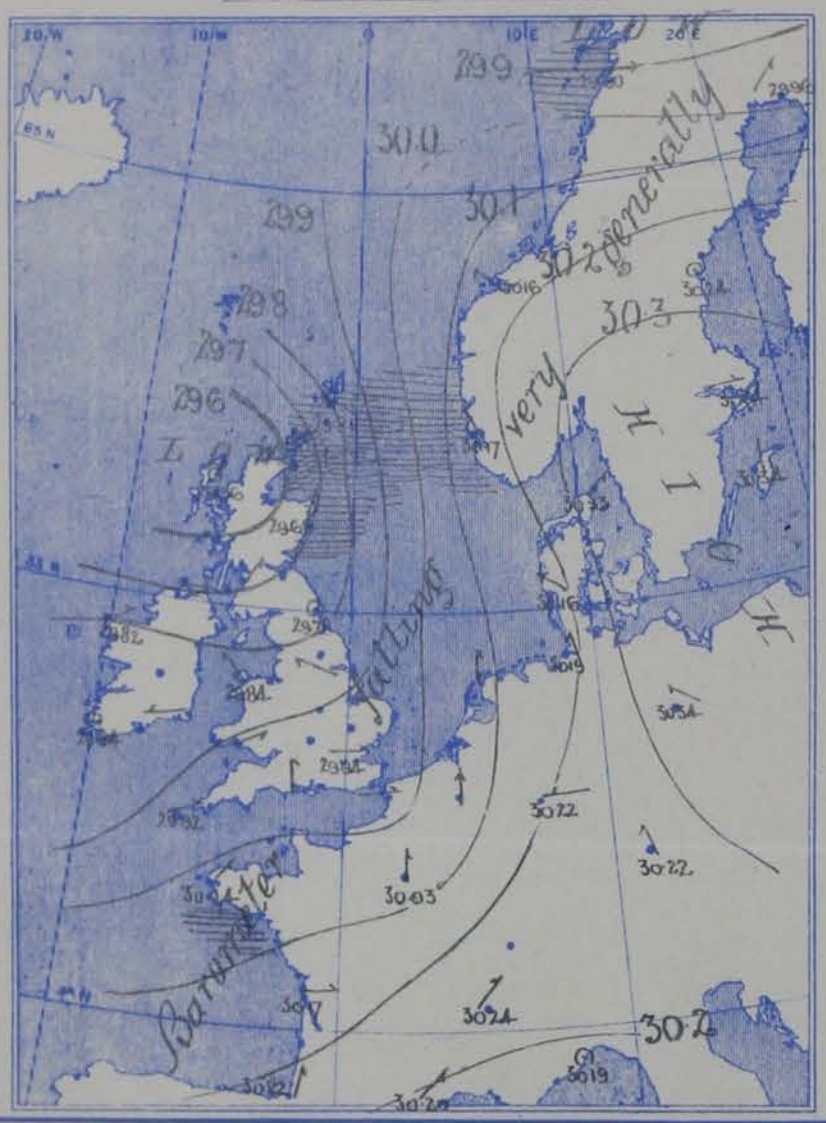
FOR SUNDAY, 29TH DECR 1895

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ➛ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ➛ ; *Force 1 to 4* ⟶ ; }

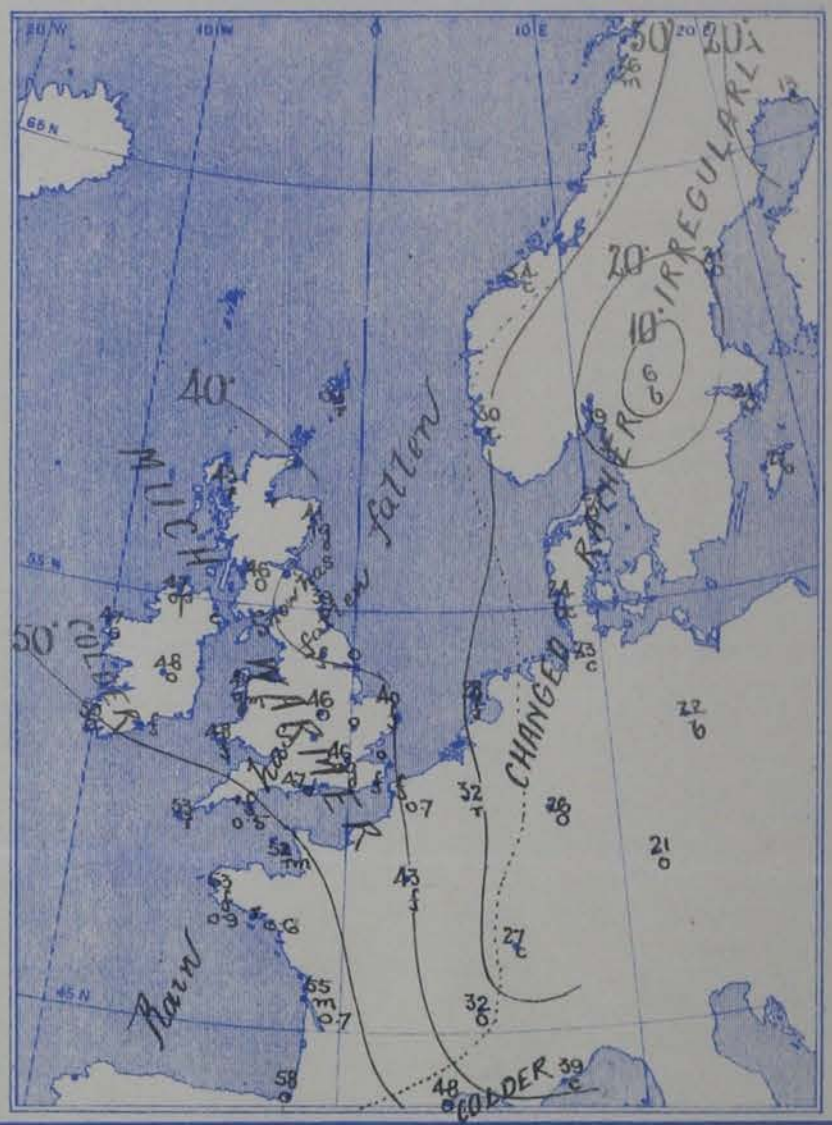
SEA—Rough ▤ : *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL— { *A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.*



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	5·82		
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59		
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95		
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	1·02		
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76		
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	55·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78		
Dover	29·953	39·8	38·6	44·3	35·9	3·00		
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	30·3	12
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66		

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins. and more (1) over Germany, the Baltic, and south of Sweden, and (2) over the south-western part of the Spanish Peninsula, and above 30·0 ins. at the Continental stations generally.
Lowest, below 28 ins. in a depression over the Hebrides and west of Scotland, and about 29·8 ins. in another off the southwest of Ireland.
Gradients steep off the northeast of Scotland, moderate elsewhere.
Barometer changing fitfully – but falling at most stations – quickly in the extreme north and east.

TEMPERATURE

Highest, 59° at Nice, 58° at Biarritz, 53° at Brest and Scilly, 50° at Tiree & Valencia (Ireland), and above 40° almost all over the British Isles.
Lowest, 6° F. at Karlstad, 13° at Haparanda, 19° at Jaesen, 21° at Stockholm and Munich, 22° at Berlin, 28° at the Helder, 32° at Brussels.
Rises very fast over Great Britain, Belgium, and several parts of France, little changed elsewhere.

WIND

W., moderate to fresh, over the Bay of Biscay, the south of England, and north of Ireland, SW. to SE. in Scotland and the Shetlands (a gale at Wick), SE. in the west of Norway; very variable and light in the south of Ireland.
The gale has been very strong over Caithness, but is now subsiding.

WEATHER

Fair and quiet over the greater part of the Continent, but rainy over Brittany, foggy in the Straits of Dover, foggy and gloomy in many parts of England and Ireland, rainy in Scotland.
Rain has fallen very generally except over Scandinavia, and at Brest the fall exceeded 0·90 in. Bright Sunshine in London None.

SEA

Very high at Wick, rough at Lerwick Hd and Aberdeen, moderate on our southwest coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 30th Decr 1895.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH	NONE ISSUED.	↑ 6 SCOTLAND WEST	NONE ISSUED.
↑ 1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 9·45 am to districts 9 and 10. Lower Cone. Signals are still flying in districts 0, 1, and 6.

Note.—The **South Cone**, *point downwards* (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Stornoway	30·10	36	32	SSE	6	c	4	Valencia	29·92	52	51	SW	4	ovr	4
Sumburgh Head	30·13	39	37	SSE	3	o	4	Scilly	30·03	54	54	SW	4	f	4
Wick	29·94	41	41	SSE	4	o	4	Jersey	30·18	47	46	SE	5	r	4
Aberdeen	30·14	39	36	SE	6	ogq	5	Hurst Castle ...	30·18	47	46	SSE	3	or	2
Stornoway	30·16	33	32	E	3	ovr	3	Dungeness ...	30·27	42	42	S	4	o	3
Aviemore	29·98	35	35	ENE	3	s	2	North Foreland	30·29	40	38	SSE	2	o	4
Malin Head ...	29·69	43	43	SSE	4	o	3	London (Westminster)	30·23	43	41	SE	1	dfg	*
Belmullet	29·71	49	49	SW	4	o	*	Yarmouth ...	30·28	37	35	SSE	5	ogm	5
Holyhead	29·91	45	44	S	7	tmq	5	Rochefort ...	30·33	51	49	SSE	4	m	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair and bright over Denmark, western Germany, Belgium, and the extreme east of England, cloudy or overcast elsewhere, with snow in some parts of Russia, rain in the west and southwest of our Islands, as well as over the southeastern parts of the Mediterranean, and a thunderstorm at Malta. Rain falling later in all parts of the British Islands and France – the fall heavy over Brittany, moderate at our west stations; fog prevalent at times off our southwestern coasts.

Temperatures rising quickly at our western and southwestern stations, falling fast over Finland and the north of Russia, Spain, the eastern parts of the Mediterranean and southeastern Europe. Morning readings highest 59° at Algiers, 58° at Malta; 53° at Valencia (Ireland) and Sicily, 51° at Brest. Lowest 0° (Zero) Fahr. at Kuopio and Helsingfors, 3° at St Petersburg, 6° at Hangö, Riga, and Moscow, and below 20° over Russia generally; 18° at Brussels, 22° at Munster and Munich; 31° to 33° over the northern and midland parts of England. Rising later to 48° in London, to between 54° and 50° all over Ireland, and to between 59° and 55° on the west and southwest coasts of France, but not touching 30° over Germany and the east of France.

Wind light and anticyclonic over Central and Northern Europe, but SE over the British Islands, and blowing a moderate gale at some of our western stations. NE to N, and strong, over the northern parts of Italy and the Adriatic; NW, moderate to fresh, over Sicily, Malta, and Tunis. SE and S gales felt in Scotland later, and wind in our Islands veering to S. or SW. at all stations.

Barometer highest 30·6 ins: and more over Denmark and Western Germany, and exceeding 30·3 ins: in a large anticyclone covering central and the greater part of northern Europe. Lowest, below 29·8 ins: in a depression off the west of Ireland, and in another having its centre a little to the southeastward of Scilly; below 30·1 ins: in a small disturbance at the northern extremity of the Gulf of Bothnia. Irish depression moving northeastwards later, and barometer falling decidedly all over the British Islands.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 30th December, 1895

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.7	22	SW	0	bc	29.43	-.53	27	26	+ 14	W	2	0	*	bc	*	?	0	-
	Hernösand ...	29.96	21	SW	0	bc	29.73	-.51	22	20	?	SW	2	0	*	bc	*	27	7	-
	Stockholm ...	30.24	20	W	2	0	30.05	-.29	23	22	+ 2	SW	2	0	*	0	*	25	14	-
	Wisby	30.27	28	SW	4	0	30.12	-.22	26	25	- 1	S	4	0	*	0	*	28	23	-
	Karlstad ...	30.19	19	N	1	f	29.99	-.38	27	24	+ 21	SSW	4	0	*	f.s	*	*	*	-
	Bodö	29.58	39	SW	9	r	29.47	-.43	35	34	- 1	W	4	0	2	r	*	39	34	-
	Christiansund ...	29.92	33	ESE	2	0	29.78	-.38	35	33	+ 1	NSW	4	0	3	0	*	36	32	-
	Skudesnaes ...	29.97	32	SSE	6	c	29.82	-.35	32	32	+ 2	SE	2	8	8	c	*	32	28	*
	Færder (Christiania Fjord)	30.17	39	NNE	1	m	29.93	-.42	30	28	+ 11	SSW	4	0	3	m	*	?	19	-
	Skagen (The Scaw)	30.12	29	S	3	0	29.92	-.41	29	28	+ 2	SSW	5	0	2	0	*	30	23	-
	Fanö	30.01	23	SE	6	c	29.81	-.35	24	24	0	SE	5	8	*	c	*	28	23	-
BRITISH ISLANDS.	Sumburgh Head	29.64	42	SE	4	0	29.67	-.14	41	40	+ 2	ENE	1	0	5	0	*	42	39	0.10
	Stornoway ...	29.65	44	WNW	1	0	29.59	+.03	44	44	+ 1	ESE	1	0	1	0	0.0	45	41	-
	Wick	29.59	41	NW	1	0	29.60	.00	43	43	0	E	3	0	4	0	*	43	40	0.02
	Nairn	29.62	41	SE	1	0	29.60	+.01	40	39	0	SW	0	0	1	0	*	46	37	0.14
	Aberdeen ...	29.63	41	W	1	cp	29.61	-.08	41	41	0	NW	2	og	3	o.cp	0.0	42	41	0.15
	Leith	?29.64	40	WSW	4	0	29.58	-.10	41	41	+ 2	SW	0	r	*	0	*	47	37	0.0
	Shields	29.71	45	SW	1	0	29.62	-.16	41	41	+ 2	SW	1	r	2	0	*	45	38	0.10
	Spurn Head ...																*			
	York	29.79	44	SW	1	0	29.62	-.23	44	44	+ 6	ESE	1	r	*	0	*	45	36	0.30
	Loughborough ...	29.83	48	W	1	0	29.68	-.24	48	48	+ 2	S	1	ogp	*	c.ogr.p	*	52	44	0.35
	Ardrossan ...	29.70	47	WSW	3	om	29.56	-.10	43	42	- 3	ENE	3	rm	2	om	*	47	38	0.23
	Malin Head ...	29.73	45	W	2	c	29.45	-.24	47	46	0	S	4	orm	2	c	*	48	44	0.47
	Belmullet ...	29.72	46	ESE	1	om	29.48	-.34	50	49	+ 3	SW	3	o	*	o.m	*	51	46	0.60
	Donaghadee ...	29.76	45	W	4	bc	29.53	-.25	47	47	- 1	S	4	r	3	bc	*	48	41	0.52
	Liverpool (Bidston)	29.81	45	WSW	1	0	29.60	-.26	50	50	+ 5	SW	2	O	2	om	*	51	44	0.24
	Holyhead ...	29.80	47	SW	2	f	29.59	-.25	50	50	+ 3	SW	6	gf	5	f	*	50	45	0.21
	Parsonstown ...	29.75	50	SW	0	r	29.61	-.23	51	50	+ 3	SW	0	o	*	r.c	0.0	54	47	0.17
	Valencia ...	29.73	53	S	2	ogm	29.63	-.21	52	51	+ 2	WSW	4	og	4	ogm	0.0	55	49	0.57
	Roche's Point ..	29.77	51	WSW	2	rm	29.67	-.20	52	52	+ 4	W	2	rm	4	f.m.r	*	52	47	0.20
	Pembroke (St. Ann's Hd.)	29.81	47	S	2	f	29.72	-.20	50	49	+ 2	W	5	ogm	5	o	0.0	50	47	0.37
	Scilly	29.88	54	WSW	5	rm	29.79	-.13	54	53	+ 1	SW	5	rm	5	o.rm	0.0	54	50	0.45
	Prawle Point ...	29.88	52	WSW	3	f	29.82	-.15	52	52	+ 2	WSW	5	rf	4	rf	*	52	49	0.29
	Jersey (St. Aubin's)	29.93	52	SW	3	omr	29.90	-.12	54	53	+ 2	WSW	4	og	3	dm	*	54	51	0.42
	Hurst Castle ...	29.87	48	SW	0	f	29.78	-.19	49	49	+ 2	S	3	rm	2	df.f	*	51	46	0.15
	Dungeness ...	29.88	47	WSW	1	m	29.74	-.18	48	48	+ 1	SW	2	rf	1	m	*	50	45	0.17
	North Foreland	29.89	46	W	1	bc	29.73	-.21	49	48	+ 3	SW	1	r	2	o.bc	*	51	44	0.24
	London (Brixton) ...	29.87	48	SW	1	0	29.76	-.18	51	50	+ 5	SW	3	orq	*	og.or	0.0	51	46	0.27
	Oxford	29.84	48	WSW	2	0	29.73	-.22	52	51	+ 6	SW	3	or	*	o.r	*	52	46	0.32
	Cambridge ...	29.87	47	SW	1	0	29.71	-.21	47	47	+ 4	SSW	1	r	*	0	0.7	48	42	0.24
	Yarmouth ...	29.86	45	SSW	2	c	29.71	-.20	42	41	+ 2	S	1	gfr	3	cf	*	45	40	0.12
GERMANY & HOLLAND.	Cuxhaven ...	30.01	24	SSE	3	c	29.87	-.32	26	25	+ 3	S	2	0	*	c	*	?	?	-
	Berlin	30.19	20	ESE	2	b	30.03	-.31	10	10	- 12	ESE	3	b	*	b	*	28	9	-
	Wiesbaden ...	*	*	*	*	*	29.95	-.27	30	30	+ 4	SW	0	0	*	*	*	30	23	-
	Munich... ..	30.06	26	E	3	0	29.97	-.25	32	32	+ 11	S	2	r	*	0	*	32	18	0.04
	The Helder ...	29.89	31	S	1	f	29.76	-.27	35	35	+ 7	SSW	2	f	1	f	*	36	27	0.04
BELGIUM.	Brussels ...	*	*	*	*	*	29.84	-.20	38	38	+ 6	S	1	r	*	f	*	38	32	0.04
	Cape Gris Nez ..	29.80	47	SW	2	f	29.44	-.13	48	48	+ 2	WSW	2	r	2	[illegible]	*	50	45	0.11
	Paris	29.98	50	SW	1	[illegible]	29.88	-.15	52	52	+ 9	WSW	2	r	*	[illegible]	*	51	43	0.28
	Brest	30.00	52	WSW	4	[illegible]	29.91	-.13	54	54	+ 1	SW	4	f	4	[illegible]	*	54	52	0.12
	Lorient... ...	30.02	53	W	5	0	29.99	-.08	52	52	- 1	WSW	5	m	5	0	*	55	48	0.04
FRANCE &	Rochefort ...	30.13	54	WNW	4	0	30.10	-.07	54	54	- 1	W	4	0	*	b.o	*	55	52	0.16
	Belfort	30.02	37	SW	1	r	29.93	-.35	41	41	+ 14	W	1	r	*	r	*	?	?	0.28
	Lyons	30.11	36	SE	1	r	30.05	-.19	42	42	+ 10	S	1	r	*	r	*	44	32	0.79
	Nice	30.08	40	SW	0	c	30.00	-.19	40	38	+ 1	E	1	0	2	c	*	46	39	-
	Perpignan ...	30.09	62	NW	3	bc	30.06	-.14	58	52	+ 10	NW	4	0	*	bc	*	63	48	0.32
	Biarritz ...	30.20	57	W	4	0	30.15	-.07	54	51	- 4	S	2	bc	2	of	*	59	52	-
PENINSULA.	Corunna ...																*			
	Lisbon	30.26	50	ESE	1	f	30.25	-.10	48	48	0	NE	1	f	*	f	*	57	48	-
	Azores (P. Delgada)	29.99	60	SW	4	b	29.95	+.08	60	58	0	SW	5	c	4	b	*	64	59	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

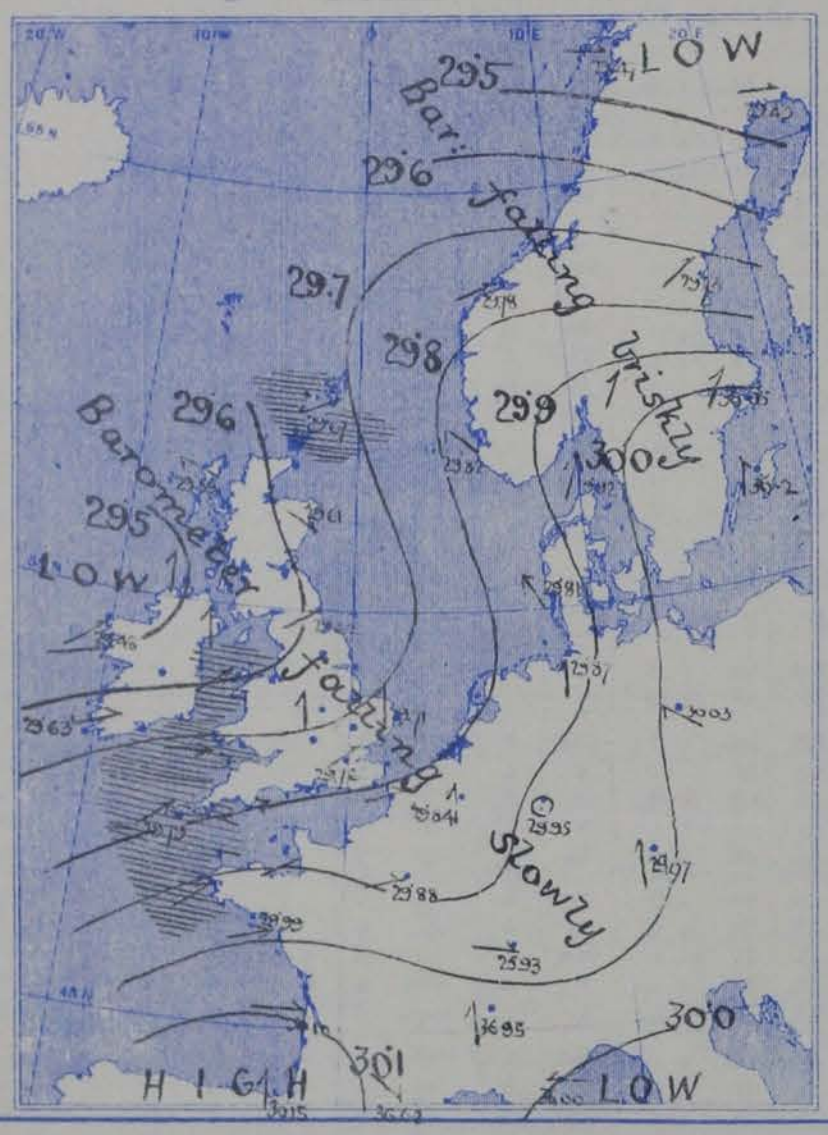
Eastbourne ;– Sunshine yesterday 0.1 hr.

WEATHER CHARTS

FOR Monday, 30th December, 1895.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough ▒ : *High* ▒



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·673	39·6	38·1	42·6	35·2	4·25	—	—
Stornoway	29·705	39·4	38·5	43·1	34·2	5·63	27·6	14
Wick	29·718	38·1	36·8	42·2	32·7	3·10	—	—
Nairn	29·743	37·1	35·6	41·9	32·8	1·95	—	—
Aberdeen	29·767	36·9	35·2	41·9	32·6	3·24	37·9	19
Leith	29·807	38·5	37·0	44·0	33·7	1·86	—	—
Shields	29·845	38·3	36·9	42·9	33·9	2·57	—	—
Spurn Head	29·873	38·8	37·7	42·4	35·3	2·14	—	—
York	29·890	36·4	35·4	42·3	32·3	2·28	24·5	11
Loughborough	29·924	36·3	35·4	42·7	32·2	2·24	—	—
Ardrossan	29·820	40·0	38·7	44·5	35·9	3·73	—	—
Donaghadee	29·848	40·2	39·3	45·8	36·2	2·84	—	—
Holyhead	29·879	42·8	41·1	46·4	39·1	3·82	—	—
Liverpool	29·895	38·8	37·1	43·5	35·6	2·59	—	—
Parsonstown	29·901	37·8	36·6	44·7	33·1	3·04	44·4	19
Valencia	29·905	44·6	42·4	49·7	40·0	5·99	45·1	19
Roche's Point	29·912	42·9	41·5	47·9	38·9	4·95	—	—
Pembroke	29·916	43·6	42·2	46·8	40·3	3·99	46·2	20
Scilly	29·951	47·0	45·1	49·5	43·4	4·02	—	—
Prawle Point	29·970	42·5	41·1	47·0	38·2	3·76	—	—
Jersey	29·985	43·1	41·4	47·3	39·3	3·82	57·1	23
Hurst Castle	29·958	40·6	39·8	45·6	36·3	2·78	—	—
Dover	29·953	39·8	38·6	44·3	35·9	3·00	—	—
LONDON	29·954	37·8	36·7	44·0	33·9	2·10	19·4	8
Oxford	29·955	37·0	35·9	42·9	33·5	2·10	37·4	16
Cambridge	29·941	36·2	35·5	42·8	31·6	1·88	39·3	17
Yarmouth	29·916	37·9	37·0	41·9	33·7	2·66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in. and more (1) over Spain and the southwest of France, and (2) over Wiesby and the Baltic.
Lowest, Below 29·5 in. off the northwest coast of Ireland.
Gradients moderate, and favourable for SE and S winds over the North Sea, and for SW to W winds over England, Ireland, and France.
Barometer falling generally, but not rapidly.

TEMPERATURE

Highest, 58° at Perpignan, 54° along the west coast of France, and at Scilly and Jersey, 52° at Paris, 51° in London, 50° at Holyhead and Belmullet.
Lowest, 10° F. at Berlin, 16° at Cuxhaven; 22° at Hernösand, 23° at Stockholm, 24° at Turö; above 40° in all parts of our Islands.
The maxima recorded over Ireland and England yesterday varied from 54° to 50°.

WIND

SW to S, moderate to fresh, over Brittany, the English Channel, England and Ireland, SE on the eastern shores of the North Sea; nearly calm in Scotland, W over the northern parts of Norway.

WEATHER

Overcast in almost all districts, with rain in many places, but fine and bright at Berlin and Biarritz. Air very humid.
Rain has fallen over the British Islands and France generally, and the amounts reported are considerable in most places.
Bright Sunshine during yesterday was – Cambridge 0·7 hr, Eastbourne 0·1 hr, none at any of the other stations.

SEA

Rather rough at Scarborough Hd. and on our west and southwest coasts, moderate to smooth elsewhere

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the northwest is moving northeastwards, and quiet mild wet weather is still probable.

FORECASTS

For the 24 hours ending at NOON on 31st DEC. 1895

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST 2 ENGLAND N.E.	SE to SW winds, freshening; rainy, very mild.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	SW winds, moderate; mild, rainy at times.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10 IRELAND SOUTH	SW and S winds; dull, changeable, rain at times.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* ( ), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* ( ), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.) Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·07	82	28	S3E	6	c	4
Sumburgh Head							
Stornoway	29·63	45	45	NNW	2	o	1
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·74	46	44	W	3	c	2
Belmullet	29·80	47	46	ESE	2	o	*
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29·96	54	54	ESE	2	o	2
Hurst Castle ...							
Dungeness ...	29·89	49	49	W	0	m	0
North Foreland	29·89	50	49	W	1	o	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·16	54	54	W	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF THE CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 22nd TO THE 28th DEC.

The weather experienced over the British Islands during the past week has been of two classes, covering two well-defined periods.

The first period was in progress when the week commenced and continued in force until Thursday night; in it pressure was highest over Scandinavia and the northeastern parts of the North Sea, and lowest in a deep depression lying off our southwestern coasts. E. and SE. gales of considerable force were felt almost all over the Kingdom, and at times extended to Holland, North Germany, and Norway; they were accompanied by showers of snow, sleet, or cold rain in most districts, but by heavier falls on our southwestern coasts, and by torrents of rain in the southeast of Ireland — no less than 6·45 ins. being measured at Rockfleet Point between the mornings of Dec. 21st and 26th.

On Friday the system had broken up, and on Saturday the northern anticyclone was moving southwards. A new depression then appeared in the far west, but moving northwards brought about SE. to S. winds over the Kingdom, with a considerable rise of temperature, and a general fall of warm rain.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 31st December, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.46	22	N	2	b	29.63	+ .20	13	12	− 14	NE	2	b	*	b	*	25	13	—
	Hernösand ...	29.66	21	2	0	b	29.82	+ .09	11	10	− 11	2	0	b	*	b	*	25	11	—
	Stockholm ...	29.85	25	W	2	c	29.83	− .22	18	17	− 5	2	0	f	*	c	*	27	18	—
	Wisby	29.89	27	S	4	c	29.82	− .30	26	24	0	SE	4	0	*	c	*	30	21	—
	Karlstad ...	29.84	23	SW	2	0	29.87	− .12	16	15	− 11	NNW	2	b	*	5.0	*	*	*	0.04
	Bodö	29.62	35	N	2	b	29.77	+ .30	33	29	− 2	W	5	s	3	b	*	36	30	—
	Christiansund ...	29.80	35	WSW	3	c	29.92	+ .14	32	31	− 3	2	0	b	3	c	*	35	30	0.43
	Skudesnaes ...	29.75	31	2	0	c	29.88	+ .06	30	28	− 2	NE	1	b	3	s, c	*	34	25	*
	Færder (Christiania Fjord)	29.82	29	ESE	4	s	29.86	− .07	25	24	− 5	NE	5	b	2	s	*	30	23	—
	Skagen (The Scaw)	29.76	26	ESE	3	s	29.82	− .10	27	26	− 2	E	3	c	1	s	*	29	25	0.20
	Fanö	29.58	30	SE	2	0	29.73	− .08	28	28	+ 4	NE	4	0	*	0	*	30	24	—
BRITISH ISLANDS.	Sumburgh Head	29.68	40	ESE	2	0	29.86	+ .19	40	36	− 1	ESE	1	0	4	0	*	42	38	0.01
	Stornoway ...	29.56	44	ESE	3	0m	29.68	+ .09	46	46	+ 2	S	4	0	4	0, 0m	0.0	46	42	0.10
	Wick	29.63	43	S	3	0	29.87	+ .21	43	42	0	S	4	0	3	0	*	43	40	0.01
	Nairn	29.58	40	2	0	f	29.75	+ .15	40	40	0	2	0	0	1	f	*	42	37	0.02
	Aberdeen ...	29.61	43	N	1	0	29.84	+ .23	42	42	+ 1	SE	4	ogg,	4	og, o	0.0	44	41	0.09
	Leith	29.59	42	ESE	1	0	29.89	+ .24	41	41	0	ENE	1	o	*	omr	*	43	39	0.47
	Shields	29.59	43	N	1	rm	29.82	+ .20	42	42	+ 1	NNW	1	f	2	rm, f	*	44	40	0.33
	Spurn Head ...	29.59	46	W	4	ogm	29.84	+ .19	42	42	+ 1	E	1	f	2	dg, omg, f	*	47	40	0.28
	York	29.59	50	W	1	0	29.85	+ .23	43	43	− 1	W	1	f	*	o	*	50	42	0.20
	Loughborough ...	29.67	50	W	2	0	29.84	+ .16	46	45	− 2	W	1	b	*	o, c	*	57	46	—
	Ardrossan ...	29.56	43	ENE	1	r	29.80	+ .24	42	42	− 1	NNE	1	of	3	of, r	*	44	41	0.13
	Malin Head ...	29.51	47	WSW	3	c	29.69	+ .24	47	45	0	S	3	c	2	c	*	49	45	0.03
	Belmullet ...	29.53	50	SW	4	o	29.71	+ .23	48	47	− 2	SSW	2	o	*	bc, o	*	50	47	0.02
	Donaghadee ...	29.58	48	SSW	3	c	29.80	+ .27	44	44	− 3	SW	3	c	1	c	*	51	42	0.02
	Liverpool (Bidston)	29.65	51	W	2	0	29.85	+ .25	45	43	− 5	WNW	1	o	2	c, r	*	50	47	0.02
	Holyhead ...	29.64	50	SW	4	ogm	29.85	+ .26	48	47	− 2	SW	3	ogm	2	ogm	*	51	46	0.04
	Parsonstown ...	29.62	50	SE	1	0	29.81	+ .20	45	44	− 6	2	0	0	*	0	0.0	54	44	0.12
	Valencia ...	29.66	51	SW	3	0m	29.79	+ .16	51	51	− 1	S	3	opm	4	rm, om	0.2	53	49	0.06
	Roche's Point ..	29.67	51	W	3	c	29.85	+ .18	50	50	− 2	WSW	2	rm	4	c, rm	*	52	46	0.01
	Pembroke (St. Ann's Hd.)	29.71	50	W	4	0	29.90	+ .18	49	48	− 1	2	0	ogm	4	0	0.0	51	47	0.03
	Scilly	29.79	53	SW	5	m	29.92	+ .13	51	51	− 3	WSW	3	cm	4	c, m	0.2	55	49	0.10
	Prawle Point ...	29.80	51	WSW	5	0	29.94	+ .12	48	47	− 4	WSW	3	op	2	or, f	*	52	47	0.15
	Jersey (St. Aubin's)	29.85	54	WSW	4	op	29.97	+ .07	52	51	− 2	W	4	op	3	op, dm	*	55	51	0.12
	Hurst Castle ...	29.76	48	WSW	1	om	29.90	+ .12	47	46	− 2	WNW	1	c	2	fd, o	*	51	47	0.02
	Dungeness ...	29.70	48	WSW	4	f	29.82	+ .08	48	48	0	WSW	3	c	2	r, f	*	50	47	0.19
	North Foreland	29.68	52	W	2	b	29.86	+ .13	50	49	+ 1	W	1	og	2	r, b	*	54	48	0.21
	London (Brixton) ...	29.73	53	WSW	3	0	29.87	+ .11	50	49	− 1	W	1	o	*	or, o, c	0.0	56	48	0.06
	Oxford	29.75	51	WSW	3	0	29.87	+ .14	49	48	− 3	WSW	3	ou	*	o	*	54	48	0.01
	Cambridge ...	29.69	52	SW	1	0	29.80	+ .12	49	49	+ 2	WSW	1	r	*	o	1.4	55	46	0.12
	Yarmouth ...	29.59	51	WNW	4	c	29.80	+ .09	45	44	+ 3	WNW	1	rf	2	cf, c	*	52	40	0.30
GERMANY & HOLLAND.	Cuxhaven ...	29.57	34	S	3	f	29.69	− .18	32	31	+ 6	N	4	o	*	f	*	34	26	0.12
	Berlin	29.78	25	S	1	0	29.57	− .46	26	26	+ 16	NE	2	s	*	o	*	27	10	0.12
	Wiesbaden ...	*	*	*	*	*									*	*	*			
	Munich... ..	29.84	36	2	0	r	29.80	− .17	43	43	+ 11	SW	5	r	*	r	*	43	30	0.47
	The Helder ...	29.53	41	W	5	f	29.78	+ .02	40	40	+ 5	WNW	1	o	1	f	*	43	34	0.35
BELGIUM.	Brussels ...	*	*	*	*	*	29.86	+ .02	46	46	+ 8	W	2	f	*	f	*	48	38	0.32
	Cape Gris Nez...	29.72	48	WSW	5	f	29.78	+ .24	48	48	0	W	4	f	4	f	*	50	45	0.51
	Paris	29.87	54	WSW	2	0	29.95	+ .07	50	49	− 2	W	3	o	*	o	*	56	50	0.16
	Brest	29.90	53	SW	4	f	30.00	+ .09	52	51	− 2	WNW	2	c	4	f	*	55	50	0.95
	Lorient... ...	29.95	52	W	5	0	30.02	+ .03	51	51	− 1	W	5	m	5	o	*	55	46	0.12
FRANCE &	Rochefort ...	30.07	53	W	5	r	30.10	.00	54	54	0	W	3	f	*	o, r	*	57	50	0.24
	Belfort	29.85	48	W	3	r	29.88	− .05	49	48	+ 8	WSW	4	o	*	r	*	49	41	0.87
	Lyons	30.03	46	SW	1	0	30.06	+ .01	46	46	+ 4	NE	1	o	*	o	*	55	42	0.16
	Nice	29.96	43	2	0	0	29.88	− .12	48	42	+ 3	E	1	o	3	o	*	?	40	—
	Perpignan ...	30.04	57	NW	2	b	30.06	.00	57	51	− 1	N	3	o	*	b	*	63	51	—
	Biarritz ...	30.07	54	E	1	b	30.09	− .06	56	55	+ 2	W	4	r	2	b	*	61	52	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.21	50	N	2	0	30.21	− .04	49	49	+ 1	NE	3	o	*	o	*	52	48	—
	Azores (P. Delgada)	29.91	60	SSW	4	o	29.57	− .14	55	54	− 5	WNW	1	o	3	o	*	61	54	?

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

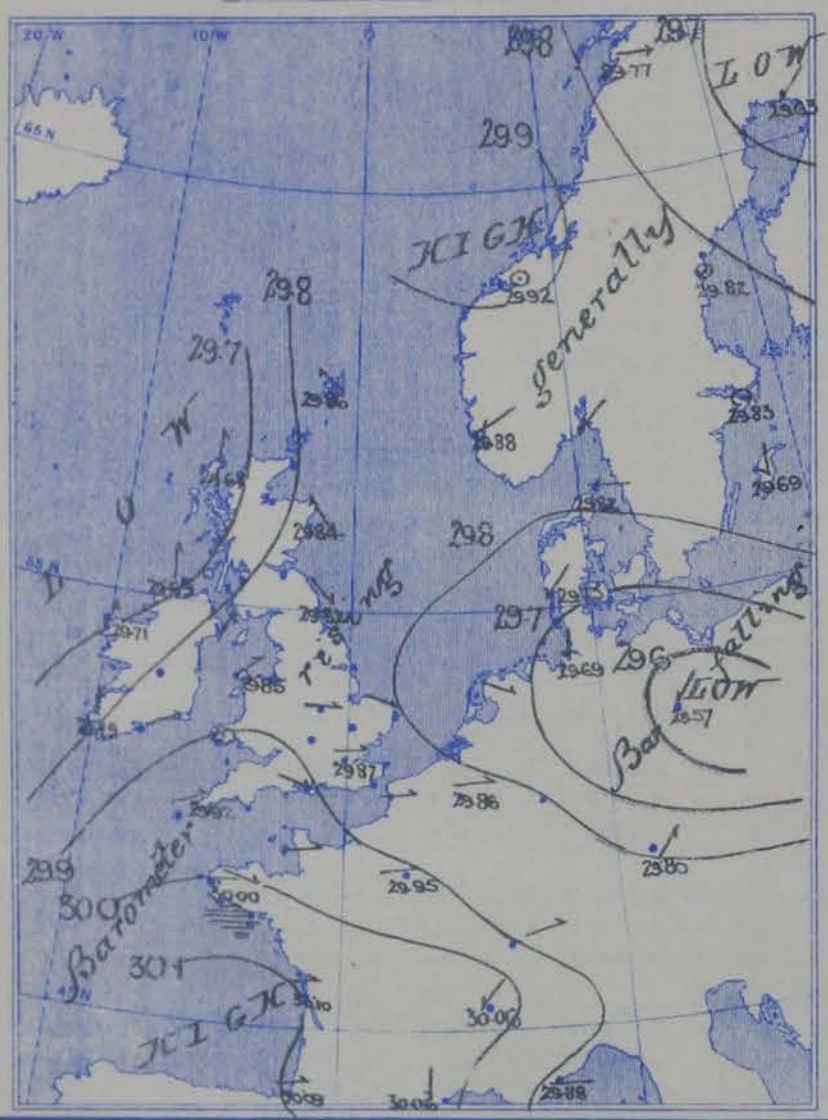
Eastbourne: Sunshine yesterday 0.0 hr

WEATHER CHARTS

FOR TUESDAY, 31st DEC^R, 1895.

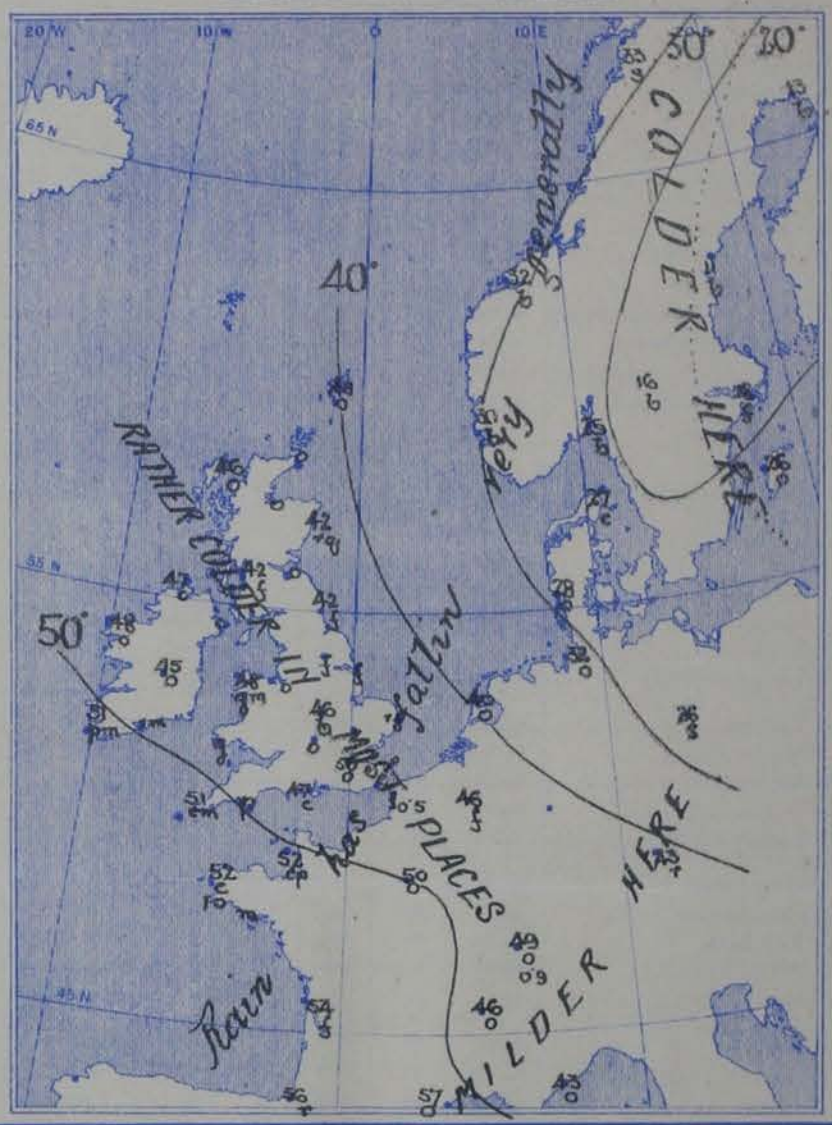
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙
SEA—Rough ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



MEAN VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF DECEMBER.

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29 · 673	39 · 6	38 · 1	42 · 6	35 · 2	4 · 25	—	—
Stornoway	29 · 705	39 · 4	38 · 5	43 · 1	34 · 2	5 · 63	27 · 6	14
Wick	29 · 718	38 · 1	36 · 8	42 · 2	32 · 7	3 · 10	—	—
Nairn	29 · 743	37 · 1	35 · 6	41 · 9	32 · 8	1 · 95	—	—
Aberdeen	29 · 767	36 · 9	35 · 2	41 · 9	32 · 6	3 · 24	37 · 9	19
Leith	29 · 807	38 · 5	37 · 0	44 · 0	33 · 7	1 · 86	—	—
Shields	29 · 845	38 · 3	36 · 9	42 · 9	33 · 9	2 · 57	—	—
Spurn Head	29 · 873	38 · 8	37 · 7	42 · 4	35 · 3	2 · 14	—	—
York	29 · 890	36 · 4	35 · 4	42 · 3	32 · 3	2 · 28	24 · 5	11
Loughborough	29 · 924	36 · 3	35 · 4	42 · 7	32 · 2	2 · 24	—	—
Ardrossan	29 · 820	40 · 0	38 · 7	44 · 5	35 · 9	3 · 73	—	—
Donaghadee	29 · 848	40 · 2	39 · 3	45 · 8	36 · 2	2 · 84	—	—
Holyhead	29 · 879	42 · 8	41 · 1	46 · 4	39 · 1	3 · 82	—	—
Liverpool	29 · 895	38 · 8	37 · 1	43 · 5	35 · 6	2 · 59	—	—
Parsonstown	29 · 901	37 · 8	36 · 6	44 · 7	33 · 1	3 · 04	44 · 4	19
Valencia	29 · 905	44 · 6	42 · 4	49 · 7	40 · 0	5 · 99	45 · 1	19
Roche's Point	29 · 912	42 · 9	41 · 5	47 · 9	38 · 9	4 · 95	—	—
Pembroke	29 · 916	43 · 6	42 · 2	46 · 8	40 · 3	3 · 99	46 · 2	20
Scilly	29 · 951	47 · 0	45 · 1	49 · 5	43 · 4	4 · 02	—	—
Prawle Point	29 · 970	42 · 5	41 · 1	47 · 0	38 · 2	3 · 76	—	—
Jersey	29 · 985	43 · 1	41 · 4	47 · 3	39 · 3	3 · 82	57 · 1	23
Hurst Castle	29 · 958	40 · 6	39 · 8	45 · 6	36 · 3	2 · 78	—	—
Dover	29 · 953	39 · 8	38 · 6	44 · 3	35 · 9	3 · 00	—	—
LONDON	29 · 954	37 · 8	36 · 7	44 · 0	33 · 9	2 · 10	19 · 4	8
Oxford	29 · 955	37 · 0	35 · 9	42 · 9	33 · 5	2 · 10	37 · 4	16
Cambridge	29 · 941	36 · 2	35 · 5	42 · 8	31 · 6	1 · 88	39 · 3	17
Yarmouth	29 · 916	37 · 9	37 · 0	41 · 9	33 · 7	2 · 66	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in Portugal; 29.9 ins. and upwards in the west of Norway.
Lowest 29.6 ins. and less in a depression having its centre near Berlin; 29.7 ins. and less on our own extreme northwest coasts and also in the north of Sweden.
Gradients slight. Barometer rising generally, but falling in Germany and the south of Sweden.

TEMPERATURE

Highest 59° at Perpignan, 56° at Biarritz, 54° at Rochefort, 52° at Jersey & 51° at Valencia (Ireland)
Lowest (1) 11° at Hernösand, 13° at Haparanda, 16° at Karlstad and 18° at Stockholm (2) 26° at Berlin; Scilly & Lorient lowest in our Islands, 40° at Sumburgh Head and Nairn.
During yesterday the thermometer rose to 50° and upwards at most of the English and Irish stations to 56° in London and to 57° at Loughborough.

WIND

Light to moderate from the S^rly in Ireland and Scotland, but W^ly over England, the Netherlands and the west and north of France.
Variable over the N^rn parts of Scandinavia; E^ly or NE^ly in Denmark and the south of Scandinavia; N^ly to NE^ly in north Germany, but SW^ly at Munich.
Light and variable in the south of France.

WEATHER

Cloudy or dull over western Europe generally, with fog, mist or rain in many places.
Fine over the greater part of Scandinavia, but snow reported at Bodö and also at Berlin.
Since yesterday morning rain has fallen over W^rn Europe generally, the largest amounts being 1.0 inch at Brest, 0.9 ins. at Belfort, and 0.5 in. at Leith and Cape Gris Nez. Lunar halos have been seen at Stornoway and Prawle Point.

SEA

Moderate to smooth generally, but rather rough at Lorient.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is at present rising on our western coasts, but the wind there is apparently backing. Further low pressure systems are therefore likely to appear soon in that region, and mild unsettled weather will probably continue over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 1st. JANUARY 1895 → 1896

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S^ly winds, freshening; dull, unsettled, some rain.
2 ENGLAND N.E.	Variable breezes, finally SE^ly; dull, foggy, some rain.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	W^ly to SW^ly winds, light or moderate, mild, unsettled, some showers.
6 SCOTLAND WEST 7 ENGLAND N.W. 8 ENGLAND S.W. 9 IRELAND NORTH 10. IRELAND SOUTH	S^ly and SW^ly winds, freshening; dull, unsettled, some rain.
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.76	34	32	E	1	s	3	Valencia	29.62	52	52	SW	4	r m	3
Sumburgh Head	29.65	42	40	ESE	2	o	5	Scilly	29.79	54	53	WSW	5	c f	5
Stornoway	29.56	44	43	ESE	3	o	3	Jersey	29.86	54	53	SW	4	o m d p	3
Aberdeen	29.57	44	43	NW	1	o q	3	Hurst Castle ...	29.71	49	48	WSW	2	f d	2
Shields	29.55	43	40	NE	1	r	2	Dungeness ...	29.67	49	49	WSW	4	f	3
Ardrossan	29.35	44	43	ENE	1	o f	1	North Foreland	29.68	52	53	W	2	b	2
Malin Head ...	29.67	49	49	SW	3	c	1	London (Westminster)	29.69	56	54	WSW	3	c	*
Belmullet	29.48	50	48	SW	3	b c	*	Yarmouth ...	29.58	57	50	W	3	c f	3
Holyhead	29.63	50	49	SW	4	o g m	3	Rochefort ...	30.09	55	54	W	4	o	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull in nearly all parts of our Islands and the Continent, rain falling over England, Ireland, France and the south of Scotland; snow reported over the Gulf of Finland, and also at Skudesnaes and Buda Pesth. Fine and bright over north Germany, as well as in Poland and the south of Russia. Rain falling during day over the whole of Wn. Europe, – heavily in many parts of France. Lunar halos seen at Stornoway and Prawle Point.

Temperature rises in all parts of western and northern Europe, as well as in Austria, falls elsewhere. Morning reading highest 62° at Algiers, 58° at Perpignan, 57° at Oran and 56° at Barcelona, above 50° over France and also over all the more southwestern parts of the United Kingdom. Lowest – 21° F. at Kharkov – 14° at Moscow, – 13° at Kiev, – 5° at Nicolaiev, and + 2° at Odessa; below 10° over Poland and eastern Germany, and below the freezing point over northern and central Europe generally. Rising during day to 50° and upwards at all the English and Irish stations, to 56° in London and to 57° at Loughborough.

Wind moderate to fresh from the Wnd. or SWnd. over England, Ireland and France; SEly. over Germany and the Ern. shores of the North Sea; Ely. in the N. of Scotland. Wly. or SWly. over the northern parts of Russia and Scandinavia. Light from the NEnd. in the south of Russia, Nly. in Italy; variable over Spain and the south of France. No important change occurring during day.

Barometer highest 30.4 ins. and upwards over the Sn. parts of Russia, 30.2 ins. in an anticyclone lying over the greater part of Russia, and also in another system over Portugal. Lowest 29.5 ins. and less in a depression lying over our extreme NW. coast, and also in another disturbance over Lapland. Secondary disturbance developed later over the southern parts of the North Sea. No important change occurring elsewhere.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

		YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
DATE.	STATIONS.	At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Lisbon	30.01	58	ENE	3	0	29.88	-.28	50	-	-7	NE	4	0	-	0	-	63	57	-
2	Corunna	29.98	56	ENE	5	0	30.15	-	53	46	-	S	3	b	5	0	-	56	43	-
3	Corunna	30.15	54	NE	5	b	30.25	+.10	47	41	-6	SE	4	b	4	b	-	55	37	-
-	Azores (P. Delgada)	30.12	58	NE	4	c	30.18	+.13	58	54	+1	NE	4	bc	3	c	-	61	57	-
4	Corunna	30.34	56	NE	5	b	30.43	+.18	48	45	+1	SE	4	c	5	b	-	57	39	-
5	Cuxhaven	29.66	41	SW	6	r	29.71	-	46	46	-	W	7	r	-	r	-	46	41	0.24
-	Corunna	30.40	58	NE	5	b	30.47	+.04	47	45	-1	NE	1	m	6	b	-	59	41	-
6	Bodö	28.25	32	E	2	bc	28.21	-.20	32	-	+3	E	2	0	2	bc	-	32	27	-
-	Christiansund	28.24	34	NSW	4	S	28.14	-.20	31	—	-7	ESE	1	b	3	S	-	38	30	0.12
-	Skudesnaes	28.50	37	W	9	0	28.42	.00	37	-	-9	W	9	0	8	0	-	46	32	-
-	Corunna	30.30	56	NE	5	0	30.36	-.11	53	51	+6	SSW	7	c	6	0	-	56	46	-
7	Hernösand	29.98	30	S	4	0	28.32	-	32	30	-	Z	0	0	-	0	-	36	28	0.28
-	Stockholm	28.19	28	SW	2	b	28.22	+.03	33	32	-1	SSW	2	0	-	b	-	37	28	-
-	Visby	28.30	33	NW	9	S	28.29	-.09	35	33	-2	SSW	6	S	-	s	-	37	30	0.12
-	Karlstad	28.15	30	W	4	b	28.21	-.05	22	21	-9	NW	2	b	-	b	-	-	-	-
-	Bodö	28.34	31	E	2	b	28.59	+.38	31	28	-1	ENE	2	b	1	b	-	36	28	-
-	Christiansund	28.03	36	NSW	4	s	28.51	+.37	35	32	+4	E	6	0	4	s	-	36	30	0.12
-	Corunna	30.36	57	SW	4	0	30.31	-.05	53	53	0	NE	1	f	?	0	-	?	?	0.08
9	Brussels	-	-	-	-	-	30.12	+.19	33	-	0	S	2	0	-	b	-	37	30	0.04
-	Cap Gris Nez	30.09	40	NNW	6	c	29.95	+.02	44	-	+5	SW	5	r	6	c	-	46	39	0.04
-	Perpignan	30.26	44	NW	4	0	30.30	+.18	43	-	0	NW	3	c	-	0	-	48	38	-
-	Corunna	30.27	56	NE	6	b	30.22	-	48	44	-	SE	4	b	3	b	-	57	41	-
10	Bodö	29.26	27	E	4	s	29.25	-.11	26	23	+2	ENE	4	b	2	s	-	27	24	
-	Christiansund	29.08	35	SE	3	bc	29.01	-.43	36	34	-1	ESE	2	bc	4	bc	-	36	-	-
-	Corunna	30.19	62	NE	3	b	30.06	-.16	55	50	+7	SE	5	c	3	b	-	62	45	-
11	Perpignan	30.11	46	?	?	0	30.09	-.08	55	-	+2	NW	3	0	-	0	-	59	43	-
-	Corunna	30.08	59	SE	2	0	30.18	+.12	54	53	-1	NW	6	0	4	0	-	59	48	0.16
12	Corunna	30.23	55	W	4	r	30.23	+.05	54	50	0	SW	5	0	5	r	-	57	48	0.08
13	Corunna	30.19	60	NSW	4	0	30.15	-.08	59	58	+5	NNW	6	r	6	0	-	61	50	0.04
14	Bodö	29.82	30	ENE	4	c	29.82	+.23	33	31	+6	E	4	0	2	c	-	33	23	-
-	Christiansund	29.56	36	Z	0	b	29.67	+.32	38	36	+1	Z	0	b	4	b	-	38	36	-
-	Corunna	30.22	59	NW	5	0	30.28	+.13	56	55	-3	NW	6	0	6	0	-	59	50	0.04
15	Nice	29.58	46	NNE	1	b	29.63	+.15	42	-	+2	E	1	c	1	b	-	52	37	-
-	Perpignan	29.93	54	NW	3	0	29.76	-.10	57	-	+7	NW	3	0	-	0	-	57	50	0.04
-	Lisbon	30.32	55	N	4	0	30.09	-.18	60	-	+2	NSW	2	0	-	0	-	61	54	-
16	Corunna	29.89	53	NW	7	0	29.60	-.60	46	44	-7	SW	5	r	8	0	-	54	41	0.39
18	Azores (P. Delgada)	30.20	59	NNE	5	b	30.21	-.04	58	55	+3	N	4	0	2	b	-	61	55	-
19	Corunna	29.50	51	NW	5	0	29.80	-	47	41	-	SW	3	c	5	0	-	52	39	0.04
20	Thisselder	29.92	36	NE	3	0	29.90	+.02	38	-	+4	NE	4	r	4	0	-	38	34	-
-	Corunna	29.83	54	N	6	c	29.97	+.17	47	-	0	SW	1	0	2	c	-	55	41	0.04
-	Azores (P. Delgada)	30.34	58	NNW	1	bc	30.25	-.03	59	54	0	W	4	bc	8	bc	-	64	57	-
21	Corunna	30.03	52	SW	5	0	29.80	-.17	50	48	+3	S	1	0	4	0	-	54	41	-
-	Azores (P. Delgada)	30.08	60	NSW	4	bc	29.94	-.31	55	49	-4	NNW	3	bc	4	bc	-	63	54	0.12
23	Brussels	-	-	-	-	-	29.85	-	27	26	-	ESE	3	b	-	bc	-	35	25	0.04
24	Corunna	29.25	57	S	5	0	29.29	-	50	46	-	S	5	0	5	0	-	57	41	0.51
27	Malin Head	29.95	37	SE	6	0	30.16	+.25	36	34	0	ESE	4	0	2	0	-	39	29	0.02
-	Corunna	29.90	58	SSW	3	0	30.21	-	58	-	-	SSW	4	r	4	0	-	59	48	0.08
30	Spurn Head	29.80	43	SW	2	f	29.65	-.23	41	41	0	SSE	2	rm	2	f	-	44	40	0.19
31	Corunna	30.09	59	S	4	r	30.12	-	51	49	-	S	4	bc	2	r	-	59	50	0.08

REPORTS FOR DEC^R 1895.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
4	Sumburgh Hd	-	-	-	-	-	-	-	36	-	- 5	-	-	-	-	-	-	-	-	-
"	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·4	-	-	-
"	North Foreland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·01
5	Sumburgh Hd	-	-	-	-	-	-	-	-	-	+ 4	-	-	-	-	-	-	-	36	-
"	Cape Gris Nez	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Stornoway	-	-	-	-	-	28·94	+ ·10	-	-	-	-	-	-	-	-	-	-	-	0·20
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?38	-
"	Jersey	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-
7	Nairn	-	-	-	-	-	-	-	-	-	-	-	-	c	-	-	-	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	-	-
8	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	-	-
"	Roche's Point	30·06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	No rain
9	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	rf	-	-	-	-	-	-
10	Belmullet	-	-	-	-	-	-	-	38	37	- 12	-	-	-	-	-	-	-	37	-
"	Jersey 2pm	-	-	-	-	-	29·98	-	50	49	-	-	-	-	-	-	-	-	-	-
11	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4·6	-	-	-
12	Malin Head	-	-	-	-	-	-	-	39	37	-	-	-	-	-	-	-	-	-	-
13	Yarmouth	29·52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Nairn	-	-	-	-	-	29·12	- ·21	-	-	-	-	-	-	-	-	-	-	-	-
14	Pembroke	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
"	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·10
15	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	-
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-
"	Hurst Castle	-	-	-	-	-	29·29	- ·53	-	-	-	-	-	-	-	-	0·3	-	-	-
"	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	-
17	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?33	-
19	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Parsonstown	-	-	-	-	-	29·90	+ ·17	-	-	-	-	-	-	-	-	-	-	32	-
21	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-
22	Stornoway	-	-	-	-	-	29·80	- ·12	-	-	-	-	-	-	-	-	-	-	-	-
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·1	-	-	-
"	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	-	0·02
"	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·08
23	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·02
"	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·27
25	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39	-	-
26	Pembroke	-	-	-	-	-	29·68	+ ·28	35	33	- 4	-	-	-	-	-	-	45	-	-
"	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	North Foreland	-	-	-	-	-	30·14	+ ·29	-	-	-	-	-	-	-	-	-	-	?40	-
28	Aberdeen	-	-	-	-	-	29·30	- ·04	-	-	-	-	-	-	-	-	-	-	-	0·06
29	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-